Table of Contents

[Git Commands 12](#_Toc504023296)

[HTML Element Reference 12](#_Toc504023297)

[Document metadata 12](#_Toc504023298)

[Sectioning root 13](#_Toc504023299)

[Content sectioning 13](#_Toc504023300)

[Text content 14](#_Toc504023301)

[Inline text semantics 15](#_Toc504023302)

[Image and multimedia 18](#_Toc504023303)

[Embedded content 19](#_Toc504023304)

[Scripting 19](#_Toc504023305)

[Demarcating edits 20](#_Toc504023306)

[Table content 20](#_Toc504023307)

[Forms 21](#_Toc504023308)

[Interactive elements 22](#_Toc504023309)

[Web Components 23](#_Toc504023310)

[Obsolete and deprecated elements 23](#_Toc504023311)

[CSS reference 26](#_Toc504023312)

[Keyword index 26](#_Toc504023313)

[Selectors 38](#_Toc504023314)

[Basic selectors 38](#_Toc504023315)

[Combinators 38](#_Toc504023316)

[Pseudo-classes 38](#_Toc504023317)

[Pseudo-elements 39](#_Toc504023318)

[JavaScript reference 39](#_Toc504023319)

[Global Objects 39](#_Toc504023320)

[Value properties 39](#_Toc504023321)

[Function properties 39](#_Toc504023322)

[Fundamental objects 40](#_Toc504023323)

[Numbers and dates 40](#_Toc504023324)

[Text processing 40](#_Toc504023325)

[Indexed collections 40](#_Toc504023326)

[Keyed collections 41](#_Toc504023327)

[Vector collections 41](#_Toc504023328)

[Structured data 41](#_Toc504023329)

[Control abstraction objects 41](#_Toc504023330)

[Reflection 42](#_Toc504023331)

[Internationalization 42](#_Toc504023332)

[WebAssembly 42](#_Toc504023333)

[Other 42](#_Toc504023334)

[Statements 42](#_Toc504023335)

[Control flow 42](#_Toc504023336)

[Declarations 43](#_Toc504023337)

[Functions and classes 43](#_Toc504023338)

[Iterations 44](#_Toc504023339)

[Others 44](#_Toc504023340)

[Expressions and operators 45](#_Toc504023341)

[Primary expressions 45](#_Toc504023342)

[Left-hand-side expressions 46](#_Toc504023343)

[Increment and decrement 46](#_Toc504023344)

[Unary operators 46](#_Toc504023345)

[Arithmetic operators 47](#_Toc504023346)

[Relational operators 48](#_Toc504023347)

[Equality operators 48](#_Toc504023348)

[Bitwise shift operators 49](#_Toc504023349)

[Binary bitwise operators 49](#_Toc504023350)

[Binary logical operators 49](#_Toc504023351)

[Conditional (ternary) operator 49](#_Toc504023352)

[Assignment operators 50](#_Toc504023353)

[Comma operator 51](#_Toc504023354)

[Non-standard features 51](#_Toc504023355)

[jQuery API 51](#_Toc504023356)

[.add() 51](#_Toc504023357)

[.addBack() 51](#_Toc504023358)

[.addClass() 52](#_Toc504023359)

[.after() 52](#_Toc504023360)

[.ajaxComplete() 52](#_Toc504023361)

[.ajaxError() 52](#_Toc504023362)

[.ajaxSend() 52](#_Toc504023363)

[.ajaxStart() 52](#_Toc504023364)

[.ajaxStop() 52](#_Toc504023365)

[.ajaxSuccess() 53](#_Toc504023366)

[All Selector (“\*”) 53](#_Toc504023367)

[.andSelf() 53](#_Toc504023368)

[.animate() 53](#_Toc504023369)

[:animated Selector 53](#_Toc504023370)

[.append() 53](#_Toc504023371)

[.appendTo() 53](#_Toc504023372)

[.attr() 54](#_Toc504023373)

[Attribute Contains Prefix Selector [name|=”value”] 54](#_Toc504023374)

[Attribute Contains Selector [name\*=”value”] 54](#_Toc504023375)

[Attribute Contains Word Selector [name~=”value”] 54](#_Toc504023376)

[Attribute Ends With Selector [name$=”value”] 54](#_Toc504023377)

[Attribute Equals Selector [name=”value”] 54](#_Toc504023378)

[Attribute Not Equal Selector [name!=”value”] 55](#_Toc504023379)

[Attribute Starts With Selector [name^=”value”] 55](#_Toc504023380)

[.before() 55](#_Toc504023381)

[.bind() 55](#_Toc504023382)

[.blur() 55](#_Toc504023383)

[:button Selector 55](#_Toc504023384)

[callbacks.add() 55](#_Toc504023385)

[callbacks.disable() 56](#_Toc504023386)

[callbacks.disabled() 56](#_Toc504023387)

[callbacks.empty() 56](#_Toc504023388)

[callbacks.fire() 56](#_Toc504023389)

[callbacks.fired() 56](#_Toc504023390)

[callbacks.fireWith() 56](#_Toc504023391)

[callbacks.has() 57](#_Toc504023392)

[callbacks.lock() 57](#_Toc504023393)

[callbacks.locked() 57](#_Toc504023394)

[callbacks.remove() 57](#_Toc504023395)

[.change() 57](#_Toc504023396)

[:checkbox Selector 57](#_Toc504023397)

[:checked Selector 57](#_Toc504023398)

[Child Selector (“parent > child”) 58](#_Toc504023399)

[.children() 58](#_Toc504023400)

[Class Selector (“.class”) 58](#_Toc504023401)

[.clearQueue() 58](#_Toc504023402)

[.click() 58](#_Toc504023403)

[.clone() 58](#_Toc504023404)

[.closest() 58](#_Toc504023405)

[:contains() Selector 59](#_Toc504023406)

[.contents() 59](#_Toc504023407)

[.context 59](#_Toc504023408)

[.contextmenu() 59](#_Toc504023409)

[.css() 59](#_Toc504023410)

[.data() 59](#_Toc504023411)

[.dblclick() 60](#_Toc504023412)

[deferred.always() 60](#_Toc504023413)

[deferred.catch() 60](#_Toc504023414)

[deferred.done() 60](#_Toc504023415)

[deferred.fail() 60](#_Toc504023416)

[deferred.isRejected() 60](#_Toc504023417)

[deferred.isResolved() 60](#_Toc504023418)

[deferred.notify() 61](#_Toc504023419)

[deferred.notifyWith() 61](#_Toc504023420)

[deferred.pipe() 61](#_Toc504023421)

[deferred.progress() 61](#_Toc504023422)

[deferred.promise() 61](#_Toc504023423)

[deferred.reject() 61](#_Toc504023424)

[deferred.rejectWith() 61](#_Toc504023425)

[deferred.resolve() 62](#_Toc504023426)

[deferred.resolveWith() 62](#_Toc504023427)

[deferred.state() 62](#_Toc504023428)

[deferred.then() 62](#_Toc504023429)

[.delay() 62](#_Toc504023430)

[.delegate() 62](#_Toc504023431)

[.dequeue() 63](#_Toc504023432)

[Descendant Selector (“ancestor descendant”) 63](#_Toc504023433)

[.detach() 63](#_Toc504023434)

[.die() 63](#_Toc504023435)

[:disabled Selector 63](#_Toc504023436)

[.each() 63](#_Toc504023437)

[Element Selector (“element”) 63](#_Toc504023438)

[.empty() 64](#_Toc504023439)

[:empty Selector 64](#_Toc504023440)

[:enabled Selector 64](#_Toc504023441)

[.end() 64](#_Toc504023442)

[.eq() 64](#_Toc504023443)

[:eq() Selector 64](#_Toc504023444)

[.error() 64](#_Toc504023445)

[:even Selector 65](#_Toc504023446)

[event.currentTarget 65](#_Toc504023447)

[event.data 65](#_Toc504023448)

[event.delegateTarget 65](#_Toc504023449)

[event.isDefaultPrevented() 65](#_Toc504023450)

[event.isImmediatePropagationStopped() 65](#_Toc504023451)

[event.isPropagationStopped() 65](#_Toc504023452)

[event.metaKey 66](#_Toc504023453)

[event.namespace 66](#_Toc504023454)

[event.pageX 66](#_Toc504023455)

[event.pageY 66](#_Toc504023456)

[event.preventDefault() 66](#_Toc504023457)

[event.relatedTarget 66](#_Toc504023458)

[event.result 66](#_Toc504023459)

[event.stopImmediatePropagation() 67](#_Toc504023460)

[event.stopPropagation() 67](#_Toc504023461)

[event.target 67](#_Toc504023462)

[event.timeStamp 67](#_Toc504023463)

[event.type 67](#_Toc504023464)

[event.which 67](#_Toc504023465)

[.fadeIn() 67](#_Toc504023466)

[.fadeOut() 68](#_Toc504023467)

[.fadeTo() 68](#_Toc504023468)

[.fadeToggle() 68](#_Toc504023469)

[:file Selector 68](#_Toc504023470)

[.filter() 68](#_Toc504023471)

[.find() 68](#_Toc504023472)

[.finish() 69](#_Toc504023473)

[.first() 69](#_Toc504023474)

[:first-child Selector 69](#_Toc504023475)

[:first-of-type Selector 69](#_Toc504023476)

[:first Selector 69](#_Toc504023477)

[.focus() 69](#_Toc504023478)

[:focus Selector 69](#_Toc504023479)

[.focusin() 70](#_Toc504023480)

[.focusout() 70](#_Toc504023481)

[.get() 70](#_Toc504023482)

[:gt() Selector 70](#_Toc504023483)

[.has() 70](#_Toc504023484)

[Has Attribute Selector [name] 70](#_Toc504023485)

[:has() Selector 70](#_Toc504023486)

[.hasClass() 71](#_Toc504023487)

[:header Selector 71](#_Toc504023488)

[.height() 71](#_Toc504023489)

[:hidden Selector 71](#_Toc504023490)

[.hide() 71](#_Toc504023491)

[.hover() 71](#_Toc504023492)

[.html() 71](#_Toc504023493)

[ID Selector (“#id”) 72](#_Toc504023494)

[:image Selector 72](#_Toc504023495)

[.index() 72](#_Toc504023496)

[.innerHeight() 72](#_Toc504023497)

[.innerWidth() 72](#_Toc504023498)

[:input Selector 72](#_Toc504023499)

[.insertAfter() 73](#_Toc504023500)

[.insertBefore() 73](#_Toc504023501)

[.is() 73](#_Toc504023502)

[jQuery() 73](#_Toc504023503)

[.jquery 73](#_Toc504023504)

[jQuery.ajax() 73](#_Toc504023505)

[jQuery.ajaxPrefilter() 73](#_Toc504023506)

[jQuery.ajaxSetup() 74](#_Toc504023507)

[jQuery.ajaxTransport() 74](#_Toc504023508)

[jQuery.boxModel 74](#_Toc504023509)

[jQuery.browser 74](#_Toc504023510)

[jQuery.Callbacks() 74](#_Toc504023511)

[jQuery.contains() 74](#_Toc504023512)

[jQuery.cssHooks 75](#_Toc504023513)

[jQuery.cssNumber 75](#_Toc504023514)

[jQuery.data() 75](#_Toc504023515)

[jQuery.Deferred() 75](#_Toc504023516)

[jQuery.dequeue() 75](#_Toc504023517)

[jQuery.each() 75](#_Toc504023518)

[jQuery.error() 76](#_Toc504023519)

[jQuery.escapeSelector() 76](#_Toc504023520)

[jQuery.extend() 76](#_Toc504023521)

[jQuery.fn.extend() 76](#_Toc504023522)

[jQuery.fx.interval 76](#_Toc504023523)

[jQuery.fx.off 76](#_Toc504023524)

[jQuery.get() 76](#_Toc504023525)

[jQuery.getJSON() 77](#_Toc504023526)

[jQuery.getScript() 77](#_Toc504023527)

[jQuery.globalEval() 77](#_Toc504023528)

[jQuery.grep() 77](#_Toc504023529)

[jQuery.hasData() 77](#_Toc504023530)

[jQuery.holdReady() 77](#_Toc504023531)

[jQuery.htmlPrefilter() 78](#_Toc504023532)

[jQuery.inArray() 78](#_Toc504023533)

[jQuery.isArray() 78](#_Toc504023534)

[jQuery.isEmptyObject() 78](#_Toc504023535)

[jQuery.isFunction() 78](#_Toc504023536)

[jQuery.isNumeric() 78](#_Toc504023537)

[jQuery.isPlainObject() 78](#_Toc504023538)

[jQuery.isWindow() 79](#_Toc504023539)

[jQuery.isXMLDoc() 79](#_Toc504023540)

[jQuery.makeArray() 79](#_Toc504023541)

[jQuery.map() 79](#_Toc504023542)

[jQuery.merge() 79](#_Toc504023543)

[jQuery.noConflict() 79](#_Toc504023544)

[jQuery.noop() 79](#_Toc504023545)

[jQuery.now() 80](#_Toc504023546)

[jQuery.param() 80](#_Toc504023547)

[jQuery.parseHTML() 80](#_Toc504023548)

[jQuery.parseJSON() 80](#_Toc504023549)

[jQuery.parseXML() 80](#_Toc504023550)

[jQuery.post() 80](#_Toc504023551)

[jQuery.proxy() 80](#_Toc504023552)

[jQuery.queue() 81](#_Toc504023553)

[jQuery.ready 81](#_Toc504023554)

[jQuery.readyException() 81](#_Toc504023555)

[jQuery.removeData() 81](#_Toc504023556)

[jQuery.speed 81](#_Toc504023557)

[jQuery.sub() 81](#_Toc504023558)

[jQuery.support 82](#_Toc504023559)

[jQuery.trim() 82](#_Toc504023560)

[jQuery.type() 82](#_Toc504023561)

[jQuery.unique() 82](#_Toc504023562)

[jQuery.uniqueSort() 82](#_Toc504023563)

[jQuery.when() 82](#_Toc504023564)

[.keydown() 83](#_Toc504023565)

[.keypress() 83](#_Toc504023566)

[.keyup() 83](#_Toc504023567)

[:lang() Selector 83](#_Toc504023568)

[.last() 83](#_Toc504023569)

[:last-child Selector 83](#_Toc504023570)

[:last-of-type Selector 83](#_Toc504023571)

[:last Selector 84](#_Toc504023572)

[.length 84](#_Toc504023573)

[.live() 84](#_Toc504023574)

[.load() 84](#_Toc504023575)

[.load() 84](#_Toc504023576)

[:lt() Selector 84](#_Toc504023577)

[.map() 84](#_Toc504023578)

[.mousedown() 85](#_Toc504023579)

[.mouseenter() 85](#_Toc504023580)

[.mouseleave() 85](#_Toc504023581)

[.mousemove() 85](#_Toc504023582)

[.mouseout() 85](#_Toc504023583)

[.mouseover() 85](#_Toc504023584)

[.mouseup() 86](#_Toc504023585)

[Multiple Attribute Selector [name=”value”][name2=”value2″] 86](#_Toc504023586)

[Multiple Selector (“selector1, selector2, selectorN”) 86](#_Toc504023587)

[.next() 86](#_Toc504023588)

[Next Adjacent Selector (“prev + next”) 86](#_Toc504023589)

[Next Siblings Selector (“prev ~ siblings”) 86](#_Toc504023590)

[.nextAll() 86](#_Toc504023591)

[.nextUntil() 87](#_Toc504023592)

[.not() 87](#_Toc504023593)

[:not() Selector 87](#_Toc504023594)

[:nth-child() Selector 87](#_Toc504023595)

[:nth-last-child() Selector 87](#_Toc504023596)

[:nth-last-of-type() Selector 87](#_Toc504023597)

[:nth-of-type() Selector 88](#_Toc504023598)

[:odd Selector 88](#_Toc504023599)

[.off() 88](#_Toc504023600)

[.offset() 88](#_Toc504023601)

[.offsetParent() 88](#_Toc504023602)

[.on() 88](#_Toc504023603)

[.one() 88](#_Toc504023604)

[:only-child Selector 89](#_Toc504023605)

[:only-of-type Selector 89](#_Toc504023606)

[.outerHeight() 89](#_Toc504023607)

[.outerWidth() 89](#_Toc504023608)

[.parent() 89](#_Toc504023609)

[:parent Selector 89](#_Toc504023610)

[.parents() 90](#_Toc504023611)

[.parentsUntil() 90](#_Toc504023612)

[:password Selector 90](#_Toc504023613)

[.position() 90](#_Toc504023614)

[.prepend() 90](#_Toc504023615)

[.prependTo() 90](#_Toc504023616)

[.prev() 91](#_Toc504023617)

[.prevAll() 91](#_Toc504023618)

[.prevUntil() 91](#_Toc504023619)

[.promise() 91](#_Toc504023620)

[.prop() 91](#_Toc504023621)

[.pushStack() 91](#_Toc504023622)

[.queue() 92](#_Toc504023623)

[:radio Selector 92](#_Toc504023624)

[.ready() 92](#_Toc504023625)

[.remove() 92](#_Toc504023626)

[.removeAttr() 92](#_Toc504023627)

[.removeClass() 92](#_Toc504023628)

[.removeData() 92](#_Toc504023629)

[.removeProp() 93](#_Toc504023630)

[.replaceAll() 93](#_Toc504023631)

[.replaceWith() 93](#_Toc504023632)

[:reset Selector 93](#_Toc504023633)

[.resize() 93](#_Toc504023634)

[:root Selector 93](#_Toc504023635)

[.scroll() 93](#_Toc504023636)

[.scrollLeft() 94](#_Toc504023637)

[.scrollTop() 94](#_Toc504023638)

[.select() 94](#_Toc504023639)

[:selected Selector 94](#_Toc504023640)

[.selector 94](#_Toc504023641)

[.serialize() 94](#_Toc504023642)

[.serializeArray() 94](#_Toc504023643)

[.show() 95](#_Toc504023644)

[.siblings() 95](#_Toc504023645)

[.size() 95](#_Toc504023646)

[.slice() 95](#_Toc504023647)

[.slideDown() 95](#_Toc504023648)

[.slideToggle() 95](#_Toc504023649)

[.slideUp() 96](#_Toc504023650)

[.stop() 96](#_Toc504023651)

[.submit() 96](#_Toc504023652)

[:submit Selector 96](#_Toc504023653)

[:target Selector 96](#_Toc504023654)

[.text() 96](#_Toc504023655)

[:text Selector 96](#_Toc504023656)

[.toArray() 97](#_Toc504023657)

[.toggle() 97](#_Toc504023658)

[.toggle() 97](#_Toc504023659)

[.toggleClass() 97](#_Toc504023660)

[.trigger() 97](#_Toc504023661)

[.triggerHandler() 97](#_Toc504023662)

[.unbind() 97](#_Toc504023663)

[.undelegate() 98](#_Toc504023664)

[.unload() 98](#_Toc504023665)

[.unwrap() 98](#_Toc504023666)

[.val() 98](#_Toc504023667)

[:visible Selector 98](#_Toc504023668)

[.width() 98](#_Toc504023669)

[.wrap() 99](#_Toc504023670)

[.wrapAll() 99](#_Toc504023671)

[.wrapInner() 99](#_Toc504023672)

[JavaScript: The Definitive Guide 99](#_Toc504023673)

[Learning JavaScript Design Patterns - https://addyosmani.com/resources/essentialjsdesignpatterns/book/ 99](#_Toc504023674)

# Git Commands

1. git clone https://github.com/YourUsername/git\_test - Create a clone of repository
2. git remote -v - display the url of the repository
3. git status - will show files in red, this means file is un-staged
4. git add README.md - This adds your README.md file to staging area in git
5. git add . - the full stop means add all un-staged files
6. git commit -m "Add README.md" - will commit your changes
7. git log - historical commit
8. git push origin master - Pushing your finished work to github

# HTML Element Reference

URL - https://developer.mozilla.org/en-US/docs/Web/HTML/Element

| **Element** | **Description** |
| --- | --- |
| [<html>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/html) | The **HTML <html> element** represents the root (top-level element) of an HTML document, so it is also referred to as the root element. All other elements must be descendants of this element. |

## Document metadata

Metadata contains information about the page. This includes information about styles, scripts and data to help software ([search engines](https://developer.mozilla.org/en-US/docs/Glossary/search_engine), [browsers](https://developer.mozilla.org/en-US/docs/Glossary/Browser), etc.) use and render the page. Metadata for styles and scripts may be defined in the page or link to another file that has the information.

| **Element** | **Description** |
| --- | --- |
| [<link>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/link) | The **HTML <link> element** specifies relationships between the current document and an external resource. Possible uses for this element include defining a relational framework for navigation. This element is most used to link to [style sheets](https://developer.mozilla.org/en-US/docs/Glossary/CSS). |
| [<meta>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/meta) | The **HTML <meta> element** represents [metadata](https://developer.mozilla.org/en-US/docs/Glossary/Metadata) that cannot be represented by other HTML meta-related elements, like [<base>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/base), [<link>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/link), [<script>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/script), [<style>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/style) or [<title>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/title). |
| [<style>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/style) | The **HTML <style> element** contains style information for a document, or part of a document. |
| [<title>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/title) | The **HTML Title element** (**<title>**) defines the title of the document, shown in a browser's title bar or on the page's tab. |

## Sectioning root

| **Element** | **Description** |
| --- | --- |
| [<body>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/body) | The **HTML <body> Element** represents the content of an HTML document. There can be only one <body> element in a document. |

## Content sectioning

Content sectioning elements allow you to organize the document content into logical pieces. Use the sectioning elements to create a broad outline for your page content, including header and footer navigation, and heading elements to identify sections of content.

| **Element** | **Description** |
| --- | --- |
| [<address>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/address) | The **HTML <address> element** indicates that the enclosed HTML provides contact information for a person or people, or for an organization. |
| [<article>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/article) | The **HTML <article> element** represents a self-contained composition in a document, page, application, or site, which is intended to be independently distributable or reusable (e.g., in syndication). Examples include: a forum post, a magazine or newspaper article, or a blog entry. |
| [<aside>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/aside) | The **HTML <aside> element** represents a portion of a document whose content is only indirectly related to the document's main content. |
| [<footer>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/footer) | The **HTML <footer> element** represents a footer for its nearest [sectioning content](https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/Sections_and_Outlines_of_an_HTML5_document#Defining_Sections_in_HTML5) or [sectioning root](https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/Sections_and_Outlines_of_an_HTML5_document#Sectioning_root) element. A footer typically contains information about the author of the section, copyright data or links to related documents. |
| [<header>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/header) | The **HTML <header> element** represents introductory content, typically a group of introductory or navigational aids. It may contain some heading elements but also other elements like a logo, a search form, an author name, and so on. |
| [<h1>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/h1), [<h2>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/h2), [<h3>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/h3), [<h4>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/h4), [<h5>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/h5), [<h6>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/h6) | The **HTML <h1>–<h6> elements** represent six levels of section headings. <h1> is the highest section level and <h6> is the lowest. |
| [<hgroup>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/hgroup) | The **HTML <hgroup> element** represents a multi-level heading for a section of a document. It groups a set of [<h1>–<h6>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/Heading_Elements) elements. |
| [<nav>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/nav) | The **HTML <nav> element** represents a section of a page whose purpose is to provide navigation links, either within the current document or to other documents. Common examples of navigation sections are menus, tables of contents, and indexes. |
| [<section>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/section) | The **HTML <section> element** represents a standalone section — which doesn't have a more specific semantic element to represent it — contained within an HTML document. |

## Text content

Use HTML text content elements to organize blocks or sections of content placed between the opening [<body>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/body) and closing </body> tags. Important for [accessibility](https://developer.mozilla.org/en-US/docs/Glossary/accessibility) and [SEO](https://developer.mozilla.org/en-US/docs/Glossary/SEO), these elements identify the purpose or structure of that content.

| **Element** | **Description** |
| --- | --- |
| [<blockquote>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/blockquote) | The **HTML <blockquote> Element** (or HTML Block Quotation Element) indicates that the enclosed text is an extended quotation. Usually, this is rendered visually by indentation (see [Notes](https://developer.mozilla.org/en-US/docs/HTML/Element/blockquote#Notes) for how to change it). A URL for the source of the quotation may be given using the **cite** attribute, while a text representation of the source can be given using the [<cite>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/cite) element. |
| [<dd>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dd) | The **HTML <dd> element** provides the details about or the definition of the preceding term ([<dt>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dt)) in a description list ([<dl>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dl)). |
| [<dir>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dir) | The obsolete **HTML Directory element** (**<dir>**) is used as a container for a directory of files and/or folders, potentially with styles and icons applied by the [user agent](https://developer.mozilla.org/en-US/docs/Glossary/user_agent). |
| [<div>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/div) | The **HTML Content Division element** (**<div>**) is the generic container for flow content. It has no effect on the content or layout until styled using CSS. |
| [<dl>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dl) | The **HTML <dl>**element represents a description list.The element encloses a list of groups of terms (specified using the [<dt>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dt) element) and descriptions. (provided by [<dd>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dd) elements). Common uses for this element are to implement a glossary or to display metadata (a list of key-value pairs). |
| [<dt>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dt) | The **HTML <dt> element** specifies a term in a description or definition list, and as such must be used inside a [<dl>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dl) element. |
| [<figcaption>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/figcaption) | The **HTML <figcaption> element** represents a caption or a legend associated with a figure or an illustration described by the rest of the data of the [<figure>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/figure) element which is its immediate ancestor. |
| [<figure>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/figure) | The **HTML <figure> element** represents self-contained content, frequently with a caption ([<figcaption>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/figcaption)), and is typically referenced as a single unit. |
| [<hr>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/hr) | The **HTML <hr> element** represents a thematic break between paragraph-level elements (for example, a change of scene in a story, or a shift of topic with a section); historically, this has been presented as a horizontal rule or line. |
| [<li>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/li) | The **HTML <li> element** is used to represent an item in a list. It must be contained in a parent element: an ordered list ([<ol>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ol)), an unordered list ([<ul>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ul)), or a menu ([<menu>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/menu)). In menus and unordered lists, list items are usually displayed using bullet points. In ordered lists, they are usually displayed with an ascending counter on the left, such as a number or letter. |
| [<main>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/main) | The **HTML <main> element** represents the main content of the [<body>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/body) of a document, portion of a document, or application. The main content area consists of content that is directly related to, or expands upon the central topic of, a document or the central functionality of an application. |
| [<ol>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ol) | The **HTML <ol> element** represents an ordered list of items, typically rendered as a numbered list. |
| [<p>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/p) | The **HTML <p> element** represents a paragraph of text. |
| [<pre>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/pre) | The **HTML <pre> element** represents preformatted text which is to be presented exactly as written in the HTML file. |
| [<ul>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ul) | The **HTML <ul> element** represents an unordered list of items, typically rendered as a bulleted list. |

## Inline text semantics

Use the HTML inline text semantic to define the meaning, structure, or style of a word, line, or any arbitrary piece of text.

| **Element** | **Description** |
| --- | --- |
| [<a>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a) | The **HTML <a> element** (or anchor element) creates a hyperlink to other web pages, files, locations within the same page, email addresses, or any other URL. |
| [<abbr>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/abbr) | The **HTML <abbr> element** represents an abbreviation and optionally provides a full description for it. If present, the [title](https://developer.mozilla.org/en-US/docs/Web/HTML/Global_attributes#attr-title) attribute must contain this full description and nothing else. |
| [<b>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/b) | The **HTML Bring Attention To element** (**<b>**)  is used to draw the reader's attention to the element's contents, which are not otherwise granted special importance. |
| [<bdi>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/bdi) | The **HTML <bdi> element** (bidirectional isolation) isolates a span of text that might be formatted in a different direction from other text outside it. |
| [<bdo>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/bdo) | The **HTML Bidirectional Text Override element** (**<bdo>**) overrides the current directionality of text, so that the text within is rendered in a different direction. |
| [<br>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/br) | The **HTML <br> element** produces a line break in text (carriage-return). It is useful for writing a poem or an address, where the division of lines is significant. |
| [<cite>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/cite) | The **HTML Citation element** (**<cite>**) is used to describe a reference to a cited creative work, and must include either the title or the URL of that work. |
| [<code>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/code) | The **HTML <code> element** displays its contents styled in a fashion intended to indicate that the text is a short fragment of computer code. |
| [<data>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/data) | The **HTML <data> element** links a given content with a machine-readable translation. If the content is time- or date-related, the [<time>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/time) element must be used. |
| [<dfn>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dfn) | The **HTML Definition element** (**<dfn>**) is used to indicate the term being defined within the context of a definition phrase or sentence. |
| [<em>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/em) | The **HTML <em> element** marks text that has stress emphasis. The <em> element can be nested, with each level of nesting indicating a greater degree of emphasis. |
| [<i>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/i) | The **HTML <i> element** represents a range of text that is set off from the normal text for some reason, for example, technical terms, foreign language phrases, or fictional character thoughts. It is typically displayed in italic type. |
| [<kbd>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/kbd) | The **HTML Keyboard Input element** (**<kbd>**) represents a span of inline text denoting textual user input from a keyboard, voice input, or any other text entry device. |
| [<mark>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/mark) | The **HTML Mark Text element** (**<mark>**) represents text which is **marked** or **highlighted** for reference or notation purposes, due to the marked passage's relevance or importance in the enclosing context. |
| [<nobr>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/nobr) | The non-standard, obsolete HTML <nobr> element prevents the text it contains from automatically wrapping across multiple lines, potentially resulting in the user having to scroll horizontally to see the entire width of the text. |
| [<q>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/q) | The **HTML <q> element** indicates that the enclosed text is a short inline quotation. Most modern browsers implement this by surrounding the text in quotation marks. |
| [<rp>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/rp) | The **HTML Ruby Fallback Parenthesis (<rp>) element** is used to provide fall-back parentheses for browsers that do not support display of ruby annotations using the [<ruby>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ruby) element. |
| [<rt>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/rt) | The **HTML Ruby Text (<rt>) element** specifies the ruby text component of a ruby annotation, which is used to provide pronunciation, translation, or transliteration information for East Asian typography. The <rt> element must always be contained within a [<ruby>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ruby) element. |
| [<rtc>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/rtc) | The **HTML Ruby Text Container (<rtc>) element** embraces semantic annotations of characters presented in a ruby of [<rb>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/rb) elements used inside of [<ruby>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ruby) element. [<rb>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/rb) elements can have both pronunciation ([<rt>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/rt)) and semantic ([<rtc>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/rtc)) annotations. |
| [<ruby>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ruby) | The **HTML <ruby> element** represents a ruby annotation. Ruby annotations are for showing pronunciation of East Asian characters. |
| [<s>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/s) | The **HTML <s> element** renders text with a strikethrough, or a line through it. Use the <s> element to represent things that are no longer relevant or no longer accurate. However, <s> is not appropriate when indicating document edits; for that, use the [<del>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/del) and [<ins>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ins) elements, as appropriate. |
| [<samp>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/samp) | The **HTML Sample Element** (**<samp>**) is used to enclose inline text which represents sample (or quoted) output from a computer program. |
| [<small>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/small) | The **HTML <small>** **element** makes the text font size one size smaller (for example, from large to medium, or from small to x-small) down to the browser's minimum font size.  In HTML5, this element is repurposed to represent side-comments and small print, including copyright and legal text, independent of its styled presentation. |
| [<span>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/span) | The **HTML <span> element** is a generic inline container for phrasing content, which does not inherently represent anything. It can be used to group elements for styling purposes (using the class or id attributes), or because they share attribute values, such as lang. |
| [<strong>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/strong) | The HTML **Strong Importance Element** (**<strong>)** indicates that its contents have strong importance, seriousness, or urgency. Browsers typically render the contents in bold type. |
| [<sub>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/sub) | The **HTML Subscript element** (**<sub>**) specifies inline text which should be displayed as subscript for solely typographical reasons. Subscripts are typically rendered with a lowered baseline using smaller text. |
| [<sup>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/sup) | The **HTML Superscript element** (**<sup>**) specifies inline text which is to be displayed as superscript for solely typographical reasons. |
| [<time>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/time) | The **HTML <time> element** represents either a time on a 24-hour clock or a precise date in the [Gregorian calendar](https://en.wikipedia.org/wiki/Gregorian_calendar) (with optional time and timezone information). |
| [<tt>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/tt) | The obsolete **HTML Teletype Text element** (**<tt>**) creates inline text which is presented using the [user agent's](https://developer.mozilla.org/en-US/docs/Glossary/user_agent) default monospace font face. |
| [<u>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/u) | The **HTML Unarticulated Annotation** element (**<u>**) represents a span of inline text which should be rendered in a way that indicates that it has a non-textual annotation. |
| [<var>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/var) | The **HTML <var> element** represents a variable in a mathematical expression or a programming context. |
| [<wbr>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/wbr) | The **HTML <wbr> element** represents a word break opportunity—a position within text where the browser may optionally break a line, though its line-breaking rules would not otherwise create a break at that location. |

## Image and multimedia

HTML supports various multimedia resources such as images, audio, and video.

| **Element** | **Description** |
| --- | --- |
| [<area>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/area) | The **HTML <area> element** defines a hot-spot region on an image, and optionally associates it with a [hypertext link](https://developer.mozilla.org/en-US/docs/Glossary/Hyperlink). This element is used only within a [<map>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/map) element. |
| [<audio>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/audio) | The **HTML <audio> element** is used to embed sound content in documents. It may contain one or more audio sources, represented using the src attribute or the [<source>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/source) element: the browser will choose the most suitable one. It can also be the destination for streamed media, using a [MediaStream](https://developer.mozilla.org/en-US/docs/Web/API/MediaStream). |
| [<img>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/img) | The **HTML <img> element** embeds an image into the document. |
| [<map>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/map) | The **HTML <map> element** is used with [<area>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/area) elements to define an image map (a clickable link area). |
| [<track>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/track) | The **HTML <track> element** is used as a child of the media elements [<audio>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/audio) and [<video>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/video). It lets you specify timed text tracks (or time-based data), for example to automatically handle subtitles. The tracks are formatted in [WebVTT format](https://developer.mozilla.org/en-US/docs/Web/API/Web_Video_Text_Tracks_Format) (.vtt files) — Web Video Text Tracks. |
| [<video>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/video) | Use the **HTML <video> element** to embed video content in a document. |

## Embedded content

In addition to regular multimedia content, HTML can include a variety of other content, even if it's not always easy to interact with.

| **Element** | **Description** |
| --- | --- |
| [<applet>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/applet) | The obsolete **HTML Applet Element** (**<applet>**) embeds a Java applet into the document; this element has been deprecated in favor of [<object>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/object). |
| [<embed>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/embed) | The **HTML <embed> element** embeds external content at the specified point in the document. This content is provided by an external application or other source of interactive content such as a browser plug-in. |
| [<noembed>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/noembed) | The **<noembed>** element is an obsolete, non-standard way to provide alternative, or "fallback", content for browsers that do not support the [<embed>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/embed) element or do not support the type of [embedded content](https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/Content_categories#Embedded_content) an author wishes to use. |
| [<object>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/object) | The **HTML <object> element** represents an external resource, which can be treated as an image, a nested browsing context, or a resource to be handled by a plugin. |
| [<param>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/param) | The **HTML <param> element** defines parameters for an [<object>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/object) element. |
| [<picture>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/picture) | The **HTML <picture> element** serves as a container for zero or more [<source>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/source) elements and one [<img>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/img) element to provide versions of an image for different display device scenarios. |
| [<source>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/source) | The **HTML <source> element** specifies multiple media resources for the [<picture>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/picture), the [<audio>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/audio) element, or the [<video>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/video) element. It is an empty element. It is commonly used to serve the same media content in [multiple formats supported by different browsers](https://developer.mozilla.org/en-US/docs/Media_formats_supported_by_the_audio_and_video_elements). |

## Scripting

In order to create dynamic content and Web applications, HTML supports the use of scripting languages, most prominently JavaScript. Certain elements support this capability.

| **Element** | **Description** |
| --- | --- |
| [<canvas>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/canvas) | Use the **HTML <canvas> element** with either the [canvas scripting API](https://developer.mozilla.org/en-US/docs/Web/API/Canvas_API) or the [WebGL API](https://developer.mozilla.org/en-US/docs/Web/API/WebGL_API) to draw graphics and animations. |
| [<noscript>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/noscript) | The **HTML <noscript> element** defines a section of HTML to be inserted if a script type on the page is unsupported or if scripting is currently turned off in the browser. |
| [<script>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/script) | The **HTML <script> element** is used to embed or reference executable code; this is typically used to embed or refer to JavaScript code. |

## Demarcating edits

These elements let you provide indications that specific parts of the text have been altered.

| **Element** | **Description** |
| --- | --- |
| [<del>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/del) | The **HTML <del> element** represents a range of text that has been deleted from a document. |
| [<ins>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/ins) | The **HTML <ins> element** represents a range of text that has been added to a document. |

## Table content

The elements here are used to create and handle tabular data.

| **Element** | **Description** |
| --- | --- |
| [<caption>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/caption) | The **HTML Table Caption element** (**<caption>**) specifies the caption (or title) of a table, and if used is always the first child of a [<table>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/table). |
| [<col>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/col) | The **HTML <col> element** defines a column within a table and is used for defining common semantics on all common cells. It is generally found within a [<colgroup>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/colgroup) element. |
| [<colgroup>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/colgroup) | The **HTML <colgroup> element** defines a group of columns within a table. |
| [<table>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/table) | The **HTML <table> element** represents tabular data — that is, information presented in a two-dimensional table comprised of rows and columns of cells containing data. |
| [<tbody>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/tbody) | The **HTML Table Body element** (**<tbody>**) encapsulates a set of table row ([<tr>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/tr) elements, indicating that they comprise the body of the table ([<table>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/table)). |
| [<td>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/td) | The **HTML <td> element** defines a cell of a table that contains data. It participates in the table model. |
| [<tfoot>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/tfoot) | The **HTML <tfoot> element** defines a set of rows summarizing the columns of the table. |
| [<th>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/th) | The **HTML <th> element** defines a cell as header of a group of table cells. The exact nature of this group is defined by the [scope](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/th#attr-scope) and [headers](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/th#attr-headers) attributes. |
| [<thead>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/thead) | The **HTML <thead> element** defines a set of rows defining the head of the columns of the table. |
| [<tr>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/tr) | The HTML **<tr>** element specifies that the markup contained inside the <tr> block comprises one row of a table, inside which the [<th>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/th) and [<td>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/td) elements create header and data cells, respectively, within the row. |

## Forms

HTML provides a number of elements which can be used together to create forms which the user can fill out and submit to the Web site or application. There's a great deal of further information about this available in the [HTML forms guide](https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/Forms).

| **Element** | **Description** |
| --- | --- |
| [<button>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/button) | The **HTML <button> element** represents a clickable button, which can be used in [forms](https://developer.mozilla.org/en-US/docs/Learn/HTML/Forms), or anywhere in a document that needs simple, standard button functionality. |
| [<datalist>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/datalist) | The **HTML <datalist> element** contains a set of [<option>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/option) elements that represent the values available for other controls. |
| [<fieldset>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/fieldset) | The **HTML <fieldset> element** is used to group several controls as well as labels ([<label>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/label)) within a web form. |
| [<form>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/form) | The **HTML <form> element** represents a document section that contains interactive controls to submit information to a web server. |
| [<input>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/input) | The **HTML <input> element** is used to create interactive controls for web-based forms in order to accept data from the user. |
| [<label>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/label) | The **HTML <label> element** represents a caption for an item in a user interface. |
| [<legend>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/legend) | The **HTML <legend> element** represents a caption for the content of its parent [<fieldset>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/fieldset). |
| [<meter>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/meter) | The **HTML <meter> element** represents either a scalar value within a known range or a fractional value. |
| [<optgroup>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/optgroup) | The **HTML <optgroup> element** creates a grouping of options within a [<select>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/select) element. |
| [<option>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/option) | The **HTML <option> element** is used to define an item contained in a [<select>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/select), an [<optgroup>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/optgroup), or a [<datalist>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/datalist) element. As such, <option> can represent menu items in popups and other lists of items in an HTML document. |
| [<output>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/output) | The **HTML Output element** (**<output>**) is a container element into which a site or app can inject the results of a calculation or the outcome of a user action. |
| [<progress>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/progress) | The **HTML <progress> element** displays an indicator showing the completion progress of a task, typically displayed as a progress bar. |
| [<select>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/select) | The **HTML <select> element** represents a control that provides a menu of options: |
| [<textarea>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/textarea) | The **HTML <textarea> element** represents a multi-line plain-text editing control. |

## Interactive elements

HTML offers a selection of elements which help to create interactive user interface objects.

| **Element** | **Description** |
| --- | --- |
| [<details>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/details) | The **HTML Details Element (<details>)** is used to create a disclosure widget in which information is visible only when the widget is toggled into an "open" state. A summary or label can be provided using the [<summary>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/summary) element. |
| [<dialog>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dialog) | The **HTML <dialog> element** represents a dialog box or other interactive component, such as an inspector or window. |
| [<menu>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/menu) | The **HTML <menu> element** represents a group of commands that a user can perform or activate. This includes both list menus, which might appear across the top of a screen, as well as context menus, such as those that might appear underneath a button after it has been clicked. |
| [<menuitem>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/menuitem) | The **HTML <menuitem> element** represents a command that a user is able to invoke through a popup menu. This includes context menus, as well as menus that might be attached to a menu button. |
| [<summary>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/summary) | The **HTML Disclosure Summary element** (**<summary>**) element specifies a summary, caption, or legend for a [<details>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/details) element's disclosure box. |

## Web Components

Web Components is an HTML-related technology which makes it possible to, essentially, create and use custom elements as if it were regular HTML. In addition, you can create custom versions of standard HTML elements.

| **Element** | **Description** |
| --- | --- |
| [<content>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/content) | The **HTML <content> element**—an obsolete part of the [Web Components](https://developer.mozilla.org/en-US/docs/Web/Web_Components) suite of technologies—was used inside of [Shadow DOM](https://developer.mozilla.org/en-US/docs/Web/Web_Components/Shadow_DOM) as an [insertion point](https://developer.mozilla.org/en-US/docs/Glossary/insertion_point), and wasn't meant to be used in ordinary HTML. |
| [<element>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/element) | The obsolete **HTML <element> element** was part of the [Web Components](https://developer.mozilla.org/en-US/docs/Web/Web_Components) specification; it was intended to be used to define new custom DOM elements. |
| [<shadow>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/shadow) | The **HTML <shadow> element**—an obsolete part of the [Web Components](https://developer.mozilla.org/en-US/docs/Web/Web_Components) technology suite—was intended to be used as a shadow DOM [insertion point](https://developer.mozilla.org/en-US/docs/Glossary/insertion_point). You might have used it if you have created multiple shadow roots under a shadow host. It is not useful in ordinary HTML. |
| [<slot>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/slot) | The **HTML <slot> element**—part of the [Web Components](https://developer.mozilla.org/en-US/docs/Web/Web_Components) technology suite—is a placeholder inside a web component that you can fill with your own markup, which lets you create separate DOM trees and present them together. |
| [<template>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/template) | The **HTML <template> element** is a mechanism for holding client-side content that is not to be rendered when a page is loaded but may subsequently be instantiated during runtime using JavaScript. |

## Obsolete and deprecated elements

**Warning:** These are old HTML elements which are deprecated and should not be used. **You should never use them in new projects, and should replace them in old projects as soon as you can.** They are listed here for informational purposes only.

| **Element** | **Description** |
| --- | --- |
| [<acronym>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/acronym) | The HTML Acronym Element (<acronym>) allows authors to clearly indicate a sequence of characters that compose an acronym or abbreviation for a word. This element has been removed in HTML5. Use [<abbr>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/abbr) element. |
| [<applet>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/applet) | The obsolete **HTML Applet Element** (**<applet>**) embeds a Java applet into the document; this element has been deprecated in favor of [<object>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/object). |
| [<basefont>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/basefont) | The obsolete **HTML Base Font element** (**<basefont>**) sets a default font face, size, and color for the other elements which are descended from its parent element. |
| [<bgsound>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/bgsound) | The Internet Explorer only **HTML Background Sound element** (**<bgsound>**) sets up a sound file to play in the background while the page is used; use [<audio>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/audio) instead. |
| [<big>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/big) | The obsolete **HTML Big Element** (**<big>**) renders the enclosed text at a font size one level larger than the surrounding text (medium becomes large, for example). |
| [<blink>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/blink) | The **HTML Blink Element** (<blink>) is a non-standard element which causes the enclosed text to flash slowly. |
| [<center>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/center) | The obsolete **HTML Center Element** (**<center>**) is a [block-level element](https://developer.mozilla.org/en-US/docs/HTML/Block-level_elements) that displays its block-level or inline contents centered horizontally within its containing element. |
| [<command>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/command) | The **HTML Command element** (**<command>**) represents a command which the user can invoke. Commands are often used as part of a context menu or toolbar. |
| [<content>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/content) | The **HTML <content> element**—an obsolete part of the [Web Components](https://developer.mozilla.org/en-US/docs/Web/Web_Components) suite of technologies—was used inside of [Shadow DOM](https://developer.mozilla.org/en-US/docs/Web/Web_Components/Shadow_DOM) as an [insertion point](https://developer.mozilla.org/en-US/docs/Glossary/insertion_point), and wasn't meant to be used in ordinary HTML. |
| [<dir>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/dir) | The obsolete **HTML Directory element** (**<dir>**) is used as a container for a directory of files and/or folders, potentially with styles and icons applied by the [user agent](https://developer.mozilla.org/en-US/docs/Glossary/user_agent). |
| [<element>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/element) | The obsolete **HTML <element> element** was part of the [Web Components](https://developer.mozilla.org/en-US/docs/Web/Web_Components) specification; it was intended to be used to define new custom DOM elements. |
| [<font>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/font) | The HTML Font Element (<font>) defines the font size, color and face for its content. |
| [<frame>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/frame) | <frame> is an HTML element which defines a particular area in which another HTML document can be displayed. A frame should be used within a [<frameset>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/frameset). |
| [<frameset>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/frameset) | <frameset> is an HTML element which is used to contain [<frame>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/frame) elements. |
| [<image>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/image) | The HTML <image> element is an obsolete remnant of an ancient version of HTML lost in the mists of time; use the standard [<img>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/img) element instead. Seriously, the specification even literally uses the words "Don't ask" when describing this element. |
| [<isindex>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/isindex) | **<isindex>** is an obsolete HTML element that puts a text field in a page for querying the document. |
| [<keygen>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/keygen) | The HTML <keygen> element exists to facilitate generation of key material, and submission of the public key as part of an [HTML form](https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/Forms). This mechanism is designed for use with Web-based certificate management systems. It is expected that the <keygen> element will be used in an HTML form along with other information needed to construct a certificate request, and that the result of the process will be a signed certificate. |
| [<listing>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/listing) | The HTML Listing Element (<listing>) renders text between the start and end tags without interpreting the HTML in between and using a monospaced font. The HTML 2 standard recommended that lines shouldn't be broken when not greater than 132 characters. |
| [<marquee>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/marquee) | The HTML <marquee> element is used to insert a scrolling area of text. You can control what happens when the text reaches the edges of its content area using its attributes. |
| [<menu>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/menu) | The **HTML <menu> element** represents a group of commands that a user can perform or activate. This includes both list menus, which might appear across the top of a screen, as well as context menus, such as those that might appear underneath a button after it has been clicked. |
| [<menuitem>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/menuitem) | The **HTML <menuitem> element** represents a command that a user is able to invoke through a popup menu. This includes context menus, as well as menus that might be attached to a menu button. |
| [<multicol>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/multicol) | The **HTML Multi-Column Layout element** (**<multicol>**) was an experimental element designed to allow multi-column layouts and must not be used. |
| [<nextid>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/nextid) | **<nextid>** is an obsolete HTML element that served to enable the NeXT web designing tool to generate automatic NAME labels for its anchors. |
| [<nobr>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/nobr) | The non-standard, obsolete HTML <nobr> element prevents the text it contains from automatically wrapping across multiple lines, potentially resulting in the user having to scroll horizontally to see the entire width of the text. |
| [<noembed>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/noembed) | The **<noembed>** element is an obsolete, non-standard way to provide alternative, or "fallback", content for browsers that do not support the [<embed>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/embed) element or do not support the type of [embedded content](https://developer.mozilla.org/en-US/docs/Web/Guide/HTML/Content_categories#Embedded_content) an author wishes to use. |
| [<noframes>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/noframes) | The obsolete HTML **No Frames** or **frame fallback** element, **<noframes>**, provides content to be presented in browsers that don't support (or have disabled support for) the [<frame>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/frame) element. |
| [<plaintext>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/plaintext) | The HTML Plaintext Element (<plaintext>) renders everything following the start tag as raw text, without interpreting any HTML. There is no closing tag, since everything after it is considered raw text. |
| [<shadow>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/shadow) | The **HTML <shadow> element**—an obsolete part of the [Web Components](https://developer.mozilla.org/en-US/docs/Web/Web_Components) technology suite—was intended to be used as a shadow DOM [insertion point](https://developer.mozilla.org/en-US/docs/Glossary/insertion_point). You might have used it if you have created multiple shadow roots under a shadow host. It is not useful in ordinary HTML. |
| [<spacer>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/spacer) | **<spacer>** is an obsolete HTML element which allowed insertion of empty spaces on pages. It was devised by Netscape to accomplish the same effect as a single-pixel layout image, which was something web designers used to use to add white spaces to web pages without actually using an image. However, <spacer> no longer supported by any major browser and the same effects can now be achieved using simple CSS. |
| [<strike>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/strike) | The **HTML <strike> element** (or HTML Strikethrough Element) places a strikethrough (horizontal line) over text. |
| [<tt>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/tt) | The obsolete **HTML Teletype Text element** (**<tt>**) creates inline text which is presented using the [user agent's](https://developer.mozilla.org/en-US/docs/Glossary/user_agent) default monospace font face. |
| [<xmp>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/xmp) | The HTML Example Element (<xmp>) renders text between the start and end tags without interpreting the HTML in between and using a monospaced font. The HTML2 specification recommended that it should be rendered wide enough to allow 80 characters per line. |

# CSS reference

URL - <https://developer.mozilla.org/en-US/docs/Web/CSS/Reference#Keyword_index>

## Keyword index

**Note:** The property names in this index do **not** include the [JavaScript names](https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Properties_Reference) where they differ from the CSS standard names.

A

* [:active](https://developer.mozilla.org/en-US/docs/Web/CSS/:active)
* [additive-symbols (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/additive-symbols)
* [::after (:after)](https://developer.mozilla.org/en-US/docs/Web/CSS/::after)
* [align-content](https://developer.mozilla.org/en-US/docs/Web/CSS/align-content)
* [align-items](https://developer.mozilla.org/en-US/docs/Web/CSS/align-items)
* [align-self](https://developer.mozilla.org/en-US/docs/Web/CSS/align-self)
* [all](https://developer.mozilla.org/en-US/docs/Web/CSS/all)
* [<an-plus-b>](https://developer.mozilla.org/en-US/docs/Web/CSS/an-plus-b)
* [<angle>](https://developer.mozilla.org/en-US/docs/Web/CSS/angle)
* [animation](https://developer.mozilla.org/en-US/docs/Web/CSS/animation)
* [animation-delay](https://developer.mozilla.org/en-US/docs/Web/CSS/animation-delay)
* [animation-direction](https://developer.mozilla.org/en-US/docs/Web/CSS/animation-direction)
* [animation-duration](https://developer.mozilla.org/en-US/docs/Web/CSS/animation-duration)
* [animation-fill-mode](https://developer.mozilla.org/en-US/docs/Web/CSS/animation-fill-mode)
* [animation-iteration-count](https://developer.mozilla.org/en-US/docs/Web/CSS/animation-iteration-count)
* [animation-name](https://developer.mozilla.org/en-US/docs/Web/CSS/animation-name)
* [animation-play-state](https://developer.mozilla.org/en-US/docs/Web/CSS/animation-play-state)
* [animation-timing-function](https://developer.mozilla.org/en-US/docs/Web/CSS/animation-timing-function)
* [@annotation](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-feature-values#@annotation)
* [annotation()](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-alternates#annotation())
* [attr()](https://developer.mozilla.org/en-US/docs/Web/CSS/attr)

B

* [::backdrop](https://developer.mozilla.org/en-US/docs/Web/CSS/::backdrop)
* [backface-visibility](https://developer.mozilla.org/en-US/docs/Web/CSS/backface-visibility)
* [background](https://developer.mozilla.org/en-US/docs/Web/CSS/background)
* [background-attachment](https://developer.mozilla.org/en-US/docs/Web/CSS/background-attachment)
* [background-blend-mode](https://developer.mozilla.org/en-US/docs/Web/CSS/background-blend-mode)
* [background-clip](https://developer.mozilla.org/en-US/docs/Web/CSS/background-clip)
* [background-color](https://developer.mozilla.org/en-US/docs/Web/CSS/background-color)
* [background-image](https://developer.mozilla.org/en-US/docs/Web/CSS/background-image)
* [background-origin](https://developer.mozilla.org/en-US/docs/Web/CSS/background-origin)
* [background-position](https://developer.mozilla.org/en-US/docs/Web/CSS/background-position)
* [background-repeat](https://developer.mozilla.org/en-US/docs/Web/CSS/background-repeat)
* [background-size](https://developer.mozilla.org/en-US/docs/Web/CSS/background-size)
* [<basic-shape>](https://developer.mozilla.org/en-US/docs/Web/CSS/basic-shape)
* [::before (:before)](https://developer.mozilla.org/en-US/docs/Web/CSS/::before)
* [<blend-mode>](https://developer.mozilla.org/en-US/docs/Web/CSS/blend-mode)
* [block-size](https://developer.mozilla.org/en-US/docs/Web/CSS/block-size)
* [blur()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/blur)
* [border](https://developer.mozilla.org/en-US/docs/Web/CSS/border)
* [border-block-end](https://developer.mozilla.org/en-US/docs/Web/CSS/border-block-end)
* [border-block-end-color](https://developer.mozilla.org/en-US/docs/Web/CSS/border-block-end-color)
* [border-block-end-style](https://developer.mozilla.org/en-US/docs/Web/CSS/border-block-end-style)
* [border-block-end-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-block-end-width)
* [border-block-start](https://developer.mozilla.org/en-US/docs/Web/CSS/border-block-start)
* [border-block-start-color](https://developer.mozilla.org/en-US/docs/Web/CSS/border-block-start-color)
* [border-block-start-style](https://developer.mozilla.org/en-US/docs/Web/CSS/border-block-start-style)
* [border-block-start-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-block-start-width)
* [border-bottom](https://developer.mozilla.org/en-US/docs/Web/CSS/border-bottom)
* [border-bottom-color](https://developer.mozilla.org/en-US/docs/Web/CSS/border-bottom-color)
* [border-bottom-left-radius](https://developer.mozilla.org/en-US/docs/Web/CSS/border-bottom-left-radius)
* [border-bottom-right-radius](https://developer.mozilla.org/en-US/docs/Web/CSS/border-bottom-right-radius)
* [border-bottom-style](https://developer.mozilla.org/en-US/docs/Web/CSS/border-bottom-style)
* [border-bottom-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-bottom-width)
* [border-collapse](https://developer.mozilla.org/en-US/docs/Web/CSS/border-collapse)
* [border-color](https://developer.mozilla.org/en-US/docs/Web/CSS/border-color)
* [border-image](https://developer.mozilla.org/en-US/docs/Web/CSS/border-image)
* [border-image-outset](https://developer.mozilla.org/en-US/docs/Web/CSS/border-image-outset)
* [border-image-repeat](https://developer.mozilla.org/en-US/docs/Web/CSS/border-image-repeat)
* [border-image-slice](https://developer.mozilla.org/en-US/docs/Web/CSS/border-image-slice)
* [border-image-source](https://developer.mozilla.org/en-US/docs/Web/CSS/border-image-source)
* [border-image-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-image-width)
* [border-inline-end](https://developer.mozilla.org/en-US/docs/Web/CSS/border-inline-end)
* [border-inline-end-color](https://developer.mozilla.org/en-US/docs/Web/CSS/border-inline-end-color)
* [border-inline-end-style](https://developer.mozilla.org/en-US/docs/Web/CSS/border-inline-end-style)
* [border-inline-end-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-inline-end-width)
* [border-inline-start](https://developer.mozilla.org/en-US/docs/Web/CSS/border-inline-start)
* [border-inline-start-color](https://developer.mozilla.org/en-US/docs/Web/CSS/border-inline-start-color)
* [border-inline-start-style](https://developer.mozilla.org/en-US/docs/Web/CSS/border-inline-start-style)
* [border-inline-start-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-inline-start-width)
* [border-left](https://developer.mozilla.org/en-US/docs/Web/CSS/border-left)
* [border-left-color](https://developer.mozilla.org/en-US/docs/Web/CSS/border-left-color)
* [border-left-style](https://developer.mozilla.org/en-US/docs/Web/CSS/border-left-style)
* [border-left-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-left-width)
* [border-radius](https://developer.mozilla.org/en-US/docs/Web/CSS/border-radius)
* [border-right](https://developer.mozilla.org/en-US/docs/Web/CSS/border-right)
* [border-right-color](https://developer.mozilla.org/en-US/docs/Web/CSS/border-right-color)
* [border-right-style](https://developer.mozilla.org/en-US/docs/Web/CSS/border-right-style)
* [border-right-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-right-width)
* [border-spacing](https://developer.mozilla.org/en-US/docs/Web/CSS/border-spacing)
* [border-style](https://developer.mozilla.org/en-US/docs/Web/CSS/border-style)
* [border-top](https://developer.mozilla.org/en-US/docs/Web/CSS/border-top)
* [border-top-color](https://developer.mozilla.org/en-US/docs/Web/CSS/border-top-color)
* [border-top-left-radius](https://developer.mozilla.org/en-US/docs/Web/CSS/border-top-left-radius)
* [border-top-right-radius](https://developer.mozilla.org/en-US/docs/Web/CSS/border-top-right-radius)
* [border-top-style](https://developer.mozilla.org/en-US/docs/Web/CSS/border-top-style)
* [border-top-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-top-width)
* [border-width](https://developer.mozilla.org/en-US/docs/Web/CSS/border-width)
* [bottom](https://developer.mozilla.org/en-US/docs/Web/CSS/bottom)
* [@bottom-center](https://developer.mozilla.org/en-US/docs/Web/CSS/@page#page-margin-box-type)
* [box-decoration-break](https://developer.mozilla.org/en-US/docs/Web/CSS/box-decoration-break)
* [box-shadow](https://developer.mozilla.org/en-US/docs/Web/CSS/box-shadow)
* [box-sizing](https://developer.mozilla.org/en-US/docs/Web/CSS/box-sizing)
* [break-after](https://developer.mozilla.org/en-US/docs/Web/CSS/break-after)
* [break-before](https://developer.mozilla.org/en-US/docs/Web/CSS/break-before)
* [break-inside](https://developer.mozilla.org/en-US/docs/Web/CSS/break-inside)
* [brightness()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/brightness)

C

* [calc()](https://developer.mozilla.org/en-US/docs/Web/CSS/calc)
* [caption-side](https://developer.mozilla.org/en-US/docs/Web/CSS/caption-side)
* [caret-color](https://developer.mozilla.org/en-US/docs/Web/CSS/caret-color)
* [ch](https://developer.mozilla.org/en-US/docs/Web/CSS/length#ch)
* [@character-variant](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-feature-values#@character-variant)
* [character-variant()](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-alternates#character-variant())
* [@charset](https://developer.mozilla.org/en-US/docs/Web/CSS/@charset)
* [:checked](https://developer.mozilla.org/en-US/docs/Web/CSS/:checked)
* [circle()](https://developer.mozilla.org/en-US/docs/Web/CSS/basic-shape#circle())
* [clear](https://developer.mozilla.org/en-US/docs/Web/CSS/clear)
* [clip](https://developer.mozilla.org/en-US/docs/Web/CSS/clip)
* [clip-path](https://developer.mozilla.org/en-US/docs/Web/CSS/clip-path)
* [cm](https://developer.mozilla.org/en-US/docs/Web/CSS/length#cm)
* [<color>](https://developer.mozilla.org/en-US/docs/Web/CSS/color_value)
* [color](https://developer.mozilla.org/en-US/docs/Web/CSS/color)
* [column-count](https://developer.mozilla.org/en-US/docs/Web/CSS/column-count)
* [column-fill](https://developer.mozilla.org/en-US/docs/Web/CSS/column-fill)
* [column-gap](https://developer.mozilla.org/en-US/docs/Web/CSS/column-gap)
* [column-rule](https://developer.mozilla.org/en-US/docs/Web/CSS/column-rule)
* [column-rule-color](https://developer.mozilla.org/en-US/docs/Web/CSS/column-rule-color)
* [column-rule-style](https://developer.mozilla.org/en-US/docs/Web/CSS/column-rule-style)
* [column-rule-width](https://developer.mozilla.org/en-US/docs/Web/CSS/column-rule-width)
* [column-span](https://developer.mozilla.org/en-US/docs/Web/CSS/column-span)
* [column-width](https://developer.mozilla.org/en-US/docs/Web/CSS/column-width)
* [columns](https://developer.mozilla.org/en-US/docs/Web/CSS/columns)
* [content](https://developer.mozilla.org/en-US/docs/Web/CSS/content)
* [contrast()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/contrast)
* [<counter>](https://developer.mozilla.org/en-US/docs/Web/CSS/counter)
* [counter-increment](https://developer.mozilla.org/en-US/docs/Web/CSS/counter-increment)
* [counter-reset](https://developer.mozilla.org/en-US/docs/Web/CSS/counter-reset)
* [@counter-style](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style)
* [cross-fade()](https://developer.mozilla.org/en-US/docs/Web/CSS/cross-fade)
* [cubic-bezier()](https://developer.mozilla.org/en-US/docs/Web/CSS/single-transition-timing-function#cubic-bezier())
* [::cue](https://developer.mozilla.org/en-US/docs/Web/CSS/::cue)
* [cursor](https://developer.mozilla.org/en-US/docs/Web/CSS/cursor)
* [<custom-ident>](https://developer.mozilla.org/en-US/docs/Web/CSS/custom-ident)

D

* [:default](https://developer.mozilla.org/en-US/docs/Web/CSS/:default)
* [deg](https://developer.mozilla.org/en-US/docs/Web/CSS/angle#deg)
* [:dir](https://developer.mozilla.org/en-US/docs/Web/CSS/:dir)
* [direction](https://developer.mozilla.org/en-US/docs/Web/CSS/direction)
* [:disabled](https://developer.mozilla.org/en-US/docs/Web/CSS/:disabled)
* [display](https://developer.mozilla.org/en-US/docs/Web/CSS/display)
* [dpcm](https://developer.mozilla.org/en-US/docs/Web/CSS/resolution#dpcm)
* [dpi](https://developer.mozilla.org/en-US/docs/Web/CSS/resolution#dpi)
* [dppx](https://developer.mozilla.org/en-US/docs/Web/CSS/resolution#dppx)
* [drop-shadow()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/drop-shadow)

E

* [element()](https://developer.mozilla.org/en-US/docs/Web/CSS/element)
* [ellipse()](https://developer.mozilla.org/en-US/docs/Web/CSS/basic-shape#ellipse())
* [em](https://developer.mozilla.org/en-US/docs/Web/CSS/length#em)
* [:empty](https://developer.mozilla.org/en-US/docs/Web/CSS/:empty)
* [empty-cells](https://developer.mozilla.org/en-US/docs/Web/CSS/empty-cells)
* [:enabled](https://developer.mozilla.org/en-US/docs/Web/CSS/:enabled)
* [ex](https://developer.mozilla.org/en-US/docs/Web/CSS/length#ex)

F

* [fallback (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/fallback)
* [filter](https://developer.mozilla.org/en-US/docs/Web/CSS/filter)
* [<filter-function>](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function)
* [:first](https://developer.mozilla.org/en-US/docs/Web/CSS/:first)
* [:first-child](https://developer.mozilla.org/en-US/docs/Web/CSS/:first-child)
* [::first-letter (:first-letter)](https://developer.mozilla.org/en-US/docs/Web/CSS/::first-letter)
* [::first-line (:first-line)](https://developer.mozilla.org/en-US/docs/Web/CSS/::first-line)
* [:first-of-type](https://developer.mozilla.org/en-US/docs/Web/CSS/:first-of-type)
* [fit-content()](https://developer.mozilla.org/en-US/docs/Web/CSS/fit-content)
* [<flex>](https://developer.mozilla.org/en-US/docs/Web/CSS/flex_value)
* [flex](https://developer.mozilla.org/en-US/docs/Web/CSS/flex)
* [flex-basis](https://developer.mozilla.org/en-US/docs/Web/CSS/flex-basis)
* [flex-direction](https://developer.mozilla.org/en-US/docs/Web/CSS/flex-direction)
* [flex-flow](https://developer.mozilla.org/en-US/docs/Web/CSS/flex-flow)
* [flex-grow](https://developer.mozilla.org/en-US/docs/Web/CSS/flex-grow)
* [flex-shrink](https://developer.mozilla.org/en-US/docs/Web/CSS/flex-shrink)
* [flex-wrap](https://developer.mozilla.org/en-US/docs/Web/CSS/flex-wrap)
* [float](https://developer.mozilla.org/en-US/docs/Web/CSS/float)
* [:focus](https://developer.mozilla.org/en-US/docs/Web/CSS/:focus)
* [font](https://developer.mozilla.org/en-US/docs/Web/CSS/font)
* [@font-face](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face)
* [font-family](https://developer.mozilla.org/en-US/docs/Web/CSS/font-family)
* [font-family (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/font-family)
* [font-feature-settings](https://developer.mozilla.org/en-US/docs/Web/CSS/font-feature-settings)
* [font-feature-settings (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/font-feature-settings)
* [@font-feature-values](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-feature-values)
* [font-kerning](https://developer.mozilla.org/en-US/docs/Web/CSS/font-kerning)
* [font-language-override](https://developer.mozilla.org/en-US/docs/Web/CSS/font-language-override)
* [font-size](https://developer.mozilla.org/en-US/docs/Web/CSS/font-size)
* [font-size-adjust](https://developer.mozilla.org/en-US/docs/Web/CSS/font-size-adjust)
* [font-stretch](https://developer.mozilla.org/en-US/docs/Web/CSS/font-stretch)
* [font-stretch (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/font-stretch)
* [font-style](https://developer.mozilla.org/en-US/docs/Web/CSS/font-style)
* [font-style (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/font-style)
* [font-synthesis](https://developer.mozilla.org/en-US/docs/Web/CSS/font-synthesis)
* [font-variant](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant)
* [font-variant (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/font-variant)
* [font-variant-alternates](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-alternates)
* [font-variant-caps](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-caps)
* [font-variant-east-asian](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-east-asian)
* [font-variant-ligatures](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-ligatures)
* [font-variant-numeric](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-numeric)
* [font-variant-position](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-position)
* [font-variation-settings (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/font-variation-settings)
* [font-weight](https://developer.mozilla.org/en-US/docs/Web/CSS/font-weight)
* [font-weight (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/font-weight)
* [format()](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/src#format())
* [format() (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/format())
* [fr](https://developer.mozilla.org/en-US/docs/Web/CSS/flex_value#fr)
* [frames()](https://developer.mozilla.org/en-US/docs/Web/CSS/single-transition-timing-function#frames())
* [<frequency>](https://developer.mozilla.org/en-US/docs/Web/CSS/frequency)
* [:fullscreen](https://developer.mozilla.org/en-US/docs/Web/CSS/:fullscreen)

G

* [grad](https://developer.mozilla.org/en-US/docs/Web/CSS/angle#grad)
* [<gradient>](https://developer.mozilla.org/en-US/docs/Web/CSS/gradient)
* [grayscale()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/grayscale)
* [grid](https://developer.mozilla.org/en-US/docs/Web/CSS/grid)
* [grid-area](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-area)
* [grid-auto-columns](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-auto-columns)
* [grid-auto-flow](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-auto-flow)
* [grid-auto-rows](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-auto-rows)
* [grid-column](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-column)
* [grid-column-end](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-column-end)
* [grid-column-gap](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-column-gap)
* [grid-column-start](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-column-start)
* [grid-gap](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-gap)
* [grid-row](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-row)
* [grid-row-end](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-row-end)
* [grid-row-gap](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-row-gap)
* [grid-row-start](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-row-start)
* [grid-template](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-template)
* [grid-template-areas](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-template-areas)
* [grid-template-columns](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-template-columns)
* [grid-template-rows](https://developer.mozilla.org/en-US/docs/Web/CSS/grid-template-rows)

H

* [hanging-punctuation](https://developer.mozilla.org/en-US/docs/Web/CSS/hanging-punctuation)
* [height](https://developer.mozilla.org/en-US/docs/Web/CSS/height)
* [height (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/height)
* [@historical-forms](https://developer.mozilla.org/en-US/docs/Web/CSS/@historical-forms)
* [:hover](https://developer.mozilla.org/en-US/docs/Web/CSS/:hover)
* [hsl()](https://developer.mozilla.org/en-US/docs/Web/CSS/color_value#hsl())
* [hsla()](https://developer.mozilla.org/en-US/docs/Web/CSS/color_value#hsla())
* [hue-rotate()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/hue-rotate)
* [hyphens](https://developer.mozilla.org/en-US/docs/Web/CSS/hyphens)
* [hz](https://developer.mozilla.org/en-US/docs/Web/CSS/frequency#hz)

I

* [<ident>](https://developer.mozilla.org/en-US/docs/Web/CSS/ident)
* [<image>](https://developer.mozilla.org/en-US/docs/Web/CSS/image)
* [image()](https://developer.mozilla.org/en-US/docs/Web/CSS/image#The_image()_functional_notation)
* [image-orientation](https://developer.mozilla.org/en-US/docs/Web/CSS/image-orientation)
* [image-rendering](https://developer.mozilla.org/en-US/docs/Web/CSS/image-rendering)
* [image-resolution](https://developer.mozilla.org/en-US/docs/Web/CSS/image-resolution)
* [image-set()](https://developer.mozilla.org/en-US/docs/Web/CSS/image-set)
* [@import](https://developer.mozilla.org/en-US/docs/Web/CSS/@import)
* [in](https://developer.mozilla.org/en-US/docs/Web/CSS/length#in)
* [:in-range](https://developer.mozilla.org/en-US/docs/Web/CSS/:in-range)
* [:indeterminate](https://developer.mozilla.org/en-US/docs/Web/CSS/:indeterminate)
* [inherit](https://developer.mozilla.org/en-US/docs/Web/CSS/inherit)
* [initial](https://developer.mozilla.org/en-US/docs/Web/CSS/initial)
* [inline-size](https://developer.mozilla.org/en-US/docs/Web/CSS/inline-size)
* [inset()](https://developer.mozilla.org/en-US/docs/Web/CSS/basic-shape#inset())
* [<integer>](https://developer.mozilla.org/en-US/docs/Web/CSS/integer)
* [:invalid](https://developer.mozilla.org/en-US/docs/Web/CSS/:invalid)
* [invert()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/invert)
* [isolation](https://developer.mozilla.org/en-US/docs/Web/CSS/isolation)

J

* [justify-content](https://developer.mozilla.org/en-US/docs/Web/CSS/justify-content)

K

* [@keyframes](https://developer.mozilla.org/en-US/docs/Web/CSS/@keyframes)
* [khz](https://developer.mozilla.org/en-US/docs/Web/CSS/frequency#khz)

L

* [:lang](https://developer.mozilla.org/en-US/docs/Web/CSS/:lang)
* [:last-child](https://developer.mozilla.org/en-US/docs/Web/CSS/:last-child)
* [:last-of-type](https://developer.mozilla.org/en-US/docs/Web/CSS/:last-of-type)
* [leader()](https://developer.mozilla.org/en-US/docs/Web/CSS/leader)
* [:left](https://developer.mozilla.org/en-US/docs/Web/CSS/:left)
* [left](https://developer.mozilla.org/en-US/docs/Web/CSS/left)
* [@left-bottom](https://developer.mozilla.org/en-US/docs/Web/CSS/@page#page-margin-box-type)
* [<length>](https://developer.mozilla.org/en-US/docs/Web/CSS/length)
* [letter-spacing](https://developer.mozilla.org/en-US/docs/Web/CSS/letter-spacing)
* [line-break](https://developer.mozilla.org/en-US/docs/Web/CSS/line-break)
* [line-height](https://developer.mozilla.org/en-US/docs/Web/CSS/line-height)
* [linear-gradient()](https://developer.mozilla.org/en-US/docs/Web/CSS/linear-gradient)
* [:link](https://developer.mozilla.org/en-US/docs/Web/CSS/:link)
* [list-style](https://developer.mozilla.org/en-US/docs/Web/CSS/list-style)
* [list-style-image](https://developer.mozilla.org/en-US/docs/Web/CSS/list-style-image)
* [list-style-position](https://developer.mozilla.org/en-US/docs/Web/CSS/list-style-position)
* [list-style-type](https://developer.mozilla.org/en-US/docs/Web/CSS/list-style-type)
* [local()](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/src#local())

M

* [margin](https://developer.mozilla.org/en-US/docs/Web/CSS/margin)
* [margin-block-end](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-block-end)
* [margin-block-start](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-block-start)
* [margin-bottom](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-bottom)
* [margin-inline-end](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-inline-end)
* [margin-inline-start](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-inline-start)
* [margin-left](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-left)
* [margin-right](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-right)
* [margin-top](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-top)
* [mask](https://developer.mozilla.org/en-US/docs/Web/CSS/mask)
* [mask-clip](https://developer.mozilla.org/en-US/docs/Web/CSS/mask-clip)
* [mask-composite](https://developer.mozilla.org/en-US/docs/Web/CSS/mask-composite)
* [mask-image](https://developer.mozilla.org/en-US/docs/Web/CSS/mask-image)
* [mask-mode](https://developer.mozilla.org/en-US/docs/Web/CSS/mask-mode)
* [mask-origin](https://developer.mozilla.org/en-US/docs/Web/CSS/mask-origin)
* [mask-position](https://developer.mozilla.org/en-US/docs/Web/CSS/mask-position)
* [mask-repeat](https://developer.mozilla.org/en-US/docs/Web/CSS/mask-repeat)
* [mask-size](https://developer.mozilla.org/en-US/docs/Web/CSS/mask-size)
* [mask-type](https://developer.mozilla.org/en-US/docs/Web/CSS/mask-type)
* [matrix()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/matrix)
* [matrix3d()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/matrix3d)
* [max-height](https://developer.mozilla.org/en-US/docs/Web/CSS/max-height)
* [max-height (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/max-height)
* [max-width](https://developer.mozilla.org/en-US/docs/Web/CSS/max-width)
* [max-width (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/max-width)
* [max-zoom (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/max-zoom)
* [@media](https://developer.mozilla.org/en-US/docs/Web/CSS/@media)
* [min-block-size](https://developer.mozilla.org/en-US/docs/Web/CSS/min-block-size)
* [min-height](https://developer.mozilla.org/en-US/docs/Web/CSS/min-height)
* [min-height (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/min-height)
* [min-inline-size](https://developer.mozilla.org/en-US/docs/Web/CSS/min-inline-size)
* [min-width](https://developer.mozilla.org/en-US/docs/Web/CSS/min-width)
* [min-width (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/min-width)
* [min-zoom (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/min-zoom)
* [minmax()](https://developer.mozilla.org/en-US/docs/Web/CSS/minmax)
* [mix-blend-mode](https://developer.mozilla.org/en-US/docs/Web/CSS/mix-blend-mode)
* [mm](https://developer.mozilla.org/en-US/docs/Web/CSS/length#mm)
* [ms](https://developer.mozilla.org/en-US/docs/Web/CSS/time#ms)

N

* [@namespace](https://developer.mozilla.org/en-US/docs/Web/CSS/@namespace)
* [negative (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/negative)
* [:not](https://developer.mozilla.org/en-US/docs/Web/CSS/:not)
* [:nth-child](https://developer.mozilla.org/en-US/docs/Web/CSS/:nth-child)
* [:nth-last-child](https://developer.mozilla.org/en-US/docs/Web/CSS/:nth-last-child)
* [:nth-last-of-type](https://developer.mozilla.org/en-US/docs/Web/CSS/:nth-last-of-type)
* [:nth-of-type](https://developer.mozilla.org/en-US/docs/Web/CSS/:nth-of-type)
* [<number>](https://developer.mozilla.org/en-US/docs/Web/CSS/number)

O

* [object-fit](https://developer.mozilla.org/en-US/docs/Web/CSS/object-fit)
* [object-position](https://developer.mozilla.org/en-US/docs/Web/CSS/object-position)
* [offset-block-end](https://developer.mozilla.org/en-US/docs/Web/CSS/offset-block-end)
* [offset-block-start](https://developer.mozilla.org/en-US/docs/Web/CSS/offset-block-start)
* [offset-inline-end](https://developer.mozilla.org/en-US/docs/Web/CSS/offset-inline-end)
* [offset-inline-start](https://developer.mozilla.org/en-US/docs/Web/CSS/offset-inline-start)
* [:only-child](https://developer.mozilla.org/en-US/docs/Web/CSS/:only-child)
* [:only-of-type](https://developer.mozilla.org/en-US/docs/Web/CSS/:only-of-type)
* [opacity](https://developer.mozilla.org/en-US/docs/Web/CSS/opacity)
* [opacity()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/opacity)
* [:optional](https://developer.mozilla.org/en-US/docs/Web/CSS/:optional)
* [order](https://developer.mozilla.org/en-US/docs/Web/CSS/order)
* [orientation (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/orientation)
* [@ornaments](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-feature-values#@ornaments)
* [ornaments()](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-alternates#ornaments())
* [orphans](https://developer.mozilla.org/en-US/docs/Web/CSS/orphans)
* [:out-of-range](https://developer.mozilla.org/en-US/docs/Web/CSS/:out-of-range)
* [outline](https://developer.mozilla.org/en-US/docs/Web/CSS/outline)
* [outline-color](https://developer.mozilla.org/en-US/docs/Web/CSS/outline-color)
* [outline-offset](https://developer.mozilla.org/en-US/docs/Web/CSS/outline-offset)
* [outline-style](https://developer.mozilla.org/en-US/docs/Web/CSS/outline-style)
* [outline-width](https://developer.mozilla.org/en-US/docs/Web/CSS/outline-width)
* [overflow](https://developer.mozilla.org/en-US/docs/Web/CSS/overflow)
* [overflow-wrap](https://developer.mozilla.org/en-US/docs/Web/CSS/overflow-wrap)
* [overflow-x](https://developer.mozilla.org/en-US/docs/Web/CSS/overflow-x)
* [overflow-y](https://developer.mozilla.org/en-US/docs/Web/CSS/overflow-y)

P

* [pad (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/pad)
* [padding](https://developer.mozilla.org/en-US/docs/Web/CSS/padding)
* [padding-block-end](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-block-end)
* [padding-block-start](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-block-start)
* [padding-bottom](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-bottom)
* [padding-inline-end](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-inline-end)
* [padding-inline-start](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-inline-start)
* [padding-left](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-left)
* [padding-right](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-right)
* [padding-top](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-top)
* [@page](https://developer.mozilla.org/en-US/docs/Web/CSS/@page)
* [page-break-after](https://developer.mozilla.org/en-US/docs/Web/CSS/page-break-after)
* [page-break-before](https://developer.mozilla.org/en-US/docs/Web/CSS/page-break-before)
* [page-break-inside](https://developer.mozilla.org/en-US/docs/Web/CSS/page-break-inside)
* [pc](https://developer.mozilla.org/en-US/docs/Web/CSS/length#pc)
* [<percentage>](https://developer.mozilla.org/en-US/docs/Web/CSS/percentage)
* [perspective](https://developer.mozilla.org/en-US/docs/Web/CSS/perspective)
* [perspective()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/perspective)
* [perspective-origin](https://developer.mozilla.org/en-US/docs/Web/CSS/perspective-origin)
* [::placeholder](https://developer.mozilla.org/en-US/docs/Web/CSS/::placeholder)
* [pointer-events](https://developer.mozilla.org/en-US/docs/Web/CSS/pointer-events)
* [polygon()](https://developer.mozilla.org/en-US/docs/Web/CSS/basic-shape#polygon())
* [<position>](https://developer.mozilla.org/en-US/docs/Web/CSS/position_value)
* [position](https://developer.mozilla.org/en-US/docs/Web/CSS/position)
* [prefix (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/prefix)
* [pt](https://developer.mozilla.org/en-US/docs/Web/CSS/length#pt)
* [px](https://developer.mozilla.org/en-US/docs/Web/CSS/length#px)

Q

* [q](https://developer.mozilla.org/en-US/docs/Web/CSS/length#q)
* [quotes](https://developer.mozilla.org/en-US/docs/Web/CSS/quotes)

R

* [rad](https://developer.mozilla.org/en-US/docs/Web/CSS/angle#rad)
* [radial-gradient()](https://developer.mozilla.org/en-US/docs/Web/CSS/radial-gradient)
* [range (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/range)
* [<ratio>](https://developer.mozilla.org/en-US/docs/Web/CSS/ratio)
* [:read-only](https://developer.mozilla.org/en-US/docs/Web/CSS/:read-only)
* [:read-write](https://developer.mozilla.org/en-US/docs/Web/CSS/:read-write)
* [rect()](https://developer.mozilla.org/en-US/docs/Web/CSS/shape#rect())
* [rem](https://developer.mozilla.org/en-US/docs/Web/CSS/length#rem)
* [repeat()](https://developer.mozilla.org/en-US/docs/Web/CSS/repeat)
* [repeating-linear-gradient()](https://developer.mozilla.org/en-US/docs/Web/CSS/repeating-linear-gradient)
* [repeating-radial-gradient()](https://developer.mozilla.org/en-US/docs/Web/CSS/repeating-radial-gradient)
* [:required](https://developer.mozilla.org/en-US/docs/Web/CSS/:required)
* [resize](https://developer.mozilla.org/en-US/docs/Web/CSS/resize)
* [<resolution>](https://developer.mozilla.org/en-US/docs/Web/CSS/resolution)
* [revert](https://developer.mozilla.org/en-US/docs/Web/CSS/revert)
* [rgb()](https://developer.mozilla.org/en-US/docs/Web/CSS/color_value#rgb())
* [rgba()](https://developer.mozilla.org/en-US/docs/Web/CSS/color_value#rgba())
* [:right](https://developer.mozilla.org/en-US/docs/Web/CSS/:right)
* [right](https://developer.mozilla.org/en-US/docs/Web/CSS/right)
* [@right-bottom](https://developer.mozilla.org/en-US/docs/Web/CSS/@page#page-margin-box-type)
* [:root](https://developer.mozilla.org/en-US/docs/Web/CSS/:root)
* [rotate()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/rotate)
* [rotate3d()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/rotate3d)
* [rotateX()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/rotateX)
* [rotateY()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/rotateY)
* [rotateZ()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/rotateZ)
* [ruby-align](https://developer.mozilla.org/en-US/docs/Web/CSS/ruby-align)
* [ruby-merge](https://developer.mozilla.org/en-US/docs/Web/CSS/ruby-merge)
* [ruby-position](https://developer.mozilla.org/en-US/docs/Web/CSS/ruby-position)

S

* [s](https://developer.mozilla.org/en-US/docs/Web/CSS/time#s)
* [saturate()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/saturate)
* [scale()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/scale)
* [scale3d()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/scale3d)
* [scaleX()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/scaleX)
* [scaleY()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/scaleY)
* [scaleZ()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/scaleZ)
* [:scope](https://developer.mozilla.org/en-US/docs/Web/CSS/:scope)
* [scroll-behavior](https://developer.mozilla.org/en-US/docs/Web/CSS/scroll-behavior)
* [scroll-snap-coordinate](https://developer.mozilla.org/en-US/docs/Web/CSS/scroll-snap-coordinate)
* [scroll-snap-destination](https://developer.mozilla.org/en-US/docs/Web/CSS/scroll-snap-destination)
* [scroll-snap-type](https://developer.mozilla.org/en-US/docs/Web/CSS/scroll-snap-type)
* [::selection](https://developer.mozilla.org/en-US/docs/Web/CSS/::selection)
* [sepia()](https://developer.mozilla.org/en-US/docs/Web/CSS/filter-function/sepia)
* [<shape>](https://developer.mozilla.org/en-US/docs/Web/CSS/shape)
* [shape-image-threshold](https://developer.mozilla.org/en-US/docs/Web/CSS/shape-image-threshold)
* [shape-margin](https://developer.mozilla.org/en-US/docs/Web/CSS/shape-margin)
* [shape-outside](https://developer.mozilla.org/en-US/docs/Web/CSS/shape-outside)
* [skew()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/skew)
* [skewX()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/skewX)
* [skewY()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/skewY)
* [speak-as (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/speak-as)
* [src (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/src)
* [steps()](https://developer.mozilla.org/en-US/docs/Web/CSS/single-transition-timing-function#steps())
* [<string>](https://developer.mozilla.org/en-US/docs/Web/CSS/string)
* [@styleset](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-feature-values#@styleset)
* [styleset()](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-alternates#styleset())
* [@stylistic](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-feature-values#@stylistic)
* [stylistic()](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-alternates#stylistic())
* [suffix (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/suffix)
* [@supports](https://developer.mozilla.org/en-US/docs/Web/CSS/@supports)
* [@swash](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-feature-values#@swash)
* [swash()](https://developer.mozilla.org/en-US/docs/Web/CSS/font-variant-alternates#swash())
* [symbols (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/symbols)
* [symbols()](https://developer.mozilla.org/en-US/docs/Web/CSS/symbols)
* [system (@counter-style)](https://developer.mozilla.org/en-US/docs/Web/CSS/@counter-style/system)

T

* [tab-size](https://developer.mozilla.org/en-US/docs/Web/CSS/tab-size)
* [table-layout](https://developer.mozilla.org/en-US/docs/Web/CSS/table-layout)
* [:target](https://developer.mozilla.org/en-US/docs/Web/CSS/:target)
* [target-counter()](https://developer.mozilla.org/en-US/docs/Web/CSS/target-counter)
* [target-counters()](https://developer.mozilla.org/en-US/docs/Web/CSS/target-counters)
* [target-text()](https://developer.mozilla.org/en-US/docs/Web/CSS/target-text)
* [text-align](https://developer.mozilla.org/en-US/docs/Web/CSS/text-align)
* [text-align-last](https://developer.mozilla.org/en-US/docs/Web/CSS/text-align-last)
* [text-combine-upright](https://developer.mozilla.org/en-US/docs/Web/CSS/text-combine-upright)
* [text-decoration](https://developer.mozilla.org/en-US/docs/Web/CSS/text-decoration)
* [text-decoration-color](https://developer.mozilla.org/en-US/docs/Web/CSS/text-decoration-color)
* [text-decoration-line](https://developer.mozilla.org/en-US/docs/Web/CSS/text-decoration-line)
* [text-decoration-style](https://developer.mozilla.org/en-US/docs/Web/CSS/text-decoration-style)
* [text-emphasis](https://developer.mozilla.org/en-US/docs/Web/CSS/text-emphasis)
* [text-emphasis-color](https://developer.mozilla.org/en-US/docs/Web/CSS/text-emphasis-color)
* [text-emphasis-position](https://developer.mozilla.org/en-US/docs/Web/CSS/text-emphasis-position)
* [text-emphasis-style](https://developer.mozilla.org/en-US/docs/Web/CSS/text-emphasis-style)
* [text-indent](https://developer.mozilla.org/en-US/docs/Web/CSS/text-indent)
* [text-justify](https://developer.mozilla.org/en-US/docs/Web/CSS/text-justify)
* [text-orientation](https://developer.mozilla.org/en-US/docs/Web/CSS/text-orientation)
* [text-overflow](https://developer.mozilla.org/en-US/docs/Web/CSS/text-overflow)
* [text-rendering](https://developer.mozilla.org/en-US/docs/Web/CSS/text-rendering)
* [text-shadow](https://developer.mozilla.org/en-US/docs/Web/CSS/text-shadow)
* [text-transform](https://developer.mozilla.org/en-US/docs/Web/CSS/text-transform)
* [text-underline-position](https://developer.mozilla.org/en-US/docs/Web/CSS/text-underline-position)
* [<time>](https://developer.mozilla.org/en-US/docs/Web/CSS/time)
* [<timing-function>](https://developer.mozilla.org/en-US/docs/Web/CSS/timing-function)
* [top](https://developer.mozilla.org/en-US/docs/Web/CSS/top)
* [@top-center](https://developer.mozilla.org/en-US/docs/Web/CSS/@page#page-margin-box-type)
* [touch-action](https://developer.mozilla.org/en-US/docs/Web/CSS/touch-action)
* [transform](https://developer.mozilla.org/en-US/docs/Web/CSS/transform)
* [transform-box](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-box)
* [<transform-function>](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function)
* [transform-origin](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-origin)
* [transform-style](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-style)
* [transition](https://developer.mozilla.org/en-US/docs/Web/CSS/transition)
* [transition-delay](https://developer.mozilla.org/en-US/docs/Web/CSS/transition-delay)
* [transition-duration](https://developer.mozilla.org/en-US/docs/Web/CSS/transition-duration)
* [transition-property](https://developer.mozilla.org/en-US/docs/Web/CSS/transition-property)
* [transition-timing-function](https://developer.mozilla.org/en-US/docs/Web/CSS/transition-timing-function)
* [translate()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/translate)
* [translate3d()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/translate3d)
* [translateX()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/translateX)
* [translateY()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/translateY)
* [translateZ()](https://developer.mozilla.org/en-US/docs/Web/CSS/transform-function/translateZ)
* [turn](https://developer.mozilla.org/en-US/docs/Web/CSS/angle#turn)

U

* [unicode-bidi](https://developer.mozilla.org/en-US/docs/Web/CSS/unicode-bidi)
* [unicode-range (@font-face)](https://developer.mozilla.org/en-US/docs/Web/CSS/@font-face/unicode-range)
* [unset](https://developer.mozilla.org/en-US/docs/Web/CSS/unset)
* [<url>](https://developer.mozilla.org/en-US/docs/Web/CSS/url)
* [url()](https://developer.mozilla.org/en-US/docs/Web/CSS/url#The_url()_functional_notation)
* [user-zoom (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/user-zoom)

V

* [:valid](https://developer.mozilla.org/en-US/docs/Web/CSS/:valid)
* [var()](https://developer.mozilla.org/en-US/docs/Web/CSS/var)
* [vertical-align](https://developer.mozilla.org/en-US/docs/Web/CSS/vertical-align)
* [vh](https://developer.mozilla.org/en-US/docs/Web/CSS/length#vh)
* [@viewport](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport)
* [visibility](https://developer.mozilla.org/en-US/docs/Web/CSS/visibility)
* [:visited](https://developer.mozilla.org/en-US/docs/Web/CSS/:visited)
* [vmax](https://developer.mozilla.org/en-US/docs/Web/CSS/length#vmax)
* [vmin](https://developer.mozilla.org/en-US/docs/Web/CSS/length#vmin)
* [vw](https://developer.mozilla.org/en-US/docs/Web/CSS/length#vw)

W

* [white-space](https://developer.mozilla.org/en-US/docs/Web/CSS/white-space)
* [widows](https://developer.mozilla.org/en-US/docs/Web/CSS/widows)
* [width](https://developer.mozilla.org/en-US/docs/Web/CSS/width)
* [width (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/width)
* [will-change](https://developer.mozilla.org/en-US/docs/Web/CSS/will-change)
* [word-break](https://developer.mozilla.org/en-US/docs/Web/CSS/word-break)
* [word-spacing](https://developer.mozilla.org/en-US/docs/Web/CSS/word-spacing)
* [word-wrap](https://developer.mozilla.org/en-US/docs/Web/CSS/word-wrap)
* [writing-mode](https://developer.mozilla.org/en-US/docs/Web/CSS/writing-mode)

Z

* [z-index](https://developer.mozilla.org/en-US/docs/Web/CSS/z-index)
* [zoom (@viewport)](https://developer.mozilla.org/en-US/docs/Web/CSS/@viewport/zoom)

Others

* [--\*](https://developer.mozilla.org/en-US/docs/Web/CSS/--*)

## Selectors

### [Basic selectors](https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Selectors#Basic_selectors)

* [Type selector](https://developer.mozilla.org/en-US/docs/Web/CSS/Type_selectors) elementname
* [Class selector](https://developer.mozilla.org/en-US/docs/Web/CSS/Class_selectors) .classname
* [ID selector](https://developer.mozilla.org/en-US/docs/Web/CSS/ID_selectors) #idname
* [Universal selector](https://developer.mozilla.org/en-US/docs/Web/CSS/Universal_selectors) \*, ns|\*, \*|\*, |\*
* [Attribute selector](https://developer.mozilla.org/en-US/docs/Web/CSS/Attribute_selectors) [attr=value]

### [Combinators](https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Selectors#Combinators)

* [Adjacent sibling combinator](https://developer.mozilla.org/en-US/docs/Web/CSS/Adjacent_sibling_selectors) A + B
* [General sibling combinator](https://developer.mozilla.org/en-US/docs/Web/CSS/General_sibling_selectors) A ~ B
* [Child combinator](https://developer.mozilla.org/en-US/docs/Web/CSS/Child_selectors) A > B
* [Descendant combinator](https://developer.mozilla.org/en-US/docs/Web/CSS/Descendant_selectors) A B

### [Pseudo-classes](https://developer.mozilla.org/en-US/docs/Web/CSS/Pseudo-classes)

* [:active](https://developer.mozilla.org/en-US/docs/Web/CSS/:active)
* [:any](https://developer.mozilla.org/en-US/docs/Web/CSS/:any)
* [:any-link](https://developer.mozilla.org/en-US/docs/Web/CSS/:any-link)
* [:checked](https://developer.mozilla.org/en-US/docs/Web/CSS/:checked)
* [:default](https://developer.mozilla.org/en-US/docs/Web/CSS/:default)
* [:dir()](https://developer.mozilla.org/en-US/docs/Web/CSS/:dir)
* [:disabled](https://developer.mozilla.org/en-US/docs/Web/CSS/:disabled)
* [:empty](https://developer.mozilla.org/en-US/docs/Web/CSS/:empty)
* [:enabled](https://developer.mozilla.org/en-US/docs/Web/CSS/:enabled)
* [:first](https://developer.mozilla.org/en-US/docs/Web/CSS/:first)
* [:first-child](https://developer.mozilla.org/en-US/docs/Web/CSS/:first-child)
* [:first-of-type](https://developer.mozilla.org/en-US/docs/Web/CSS/:first-of-type)
* [:fullscreen](https://developer.mozilla.org/en-US/docs/Web/CSS/:fullscreen)
* [:focus](https://developer.mozilla.org/en-US/docs/Web/CSS/:focus)
* [:hover](https://developer.mozilla.org/en-US/docs/Web/CSS/:hover)
* [:indeterminate](https://developer.mozilla.org/en-US/docs/Web/CSS/:indeterminate)
* [:in-range](https://developer.mozilla.org/en-US/docs/Web/CSS/:in-range)
* [:invalid](https://developer.mozilla.org/en-US/docs/Web/CSS/:invalid)
* [:lang()](https://developer.mozilla.org/en-US/docs/Web/CSS/:lang)
* [:last-child](https://developer.mozilla.org/en-US/docs/Web/CSS/:last-child)
* [:last-of-type](https://developer.mozilla.org/en-US/docs/Web/CSS/:last-of-type)
* [:left](https://developer.mozilla.org/en-US/docs/Web/CSS/:left)
* [:link](https://developer.mozilla.org/en-US/docs/Web/CSS/:link)
* [:not()](https://developer.mozilla.org/en-US/docs/Web/CSS/:not)
* [:nth-child()](https://developer.mozilla.org/en-US/docs/Web/CSS/:nth-child)
* [:nth-last-child()](https://developer.mozilla.org/en-US/docs/Web/CSS/:nth-last-child)
* [:nth-last-of-type()](https://developer.mozilla.org/en-US/docs/Web/CSS/:nth-last-of-type)
* [:nth-of-type()](https://developer.mozilla.org/en-US/docs/Web/CSS/:nth-of-type)
* [:only-child](https://developer.mozilla.org/en-US/docs/Web/CSS/:only-child)
* [:only-of-type](https://developer.mozilla.org/en-US/docs/Web/CSS/:only-of-type)
* [:optional](https://developer.mozilla.org/en-US/docs/Web/CSS/:optional)
* [:out-of-range](https://developer.mozilla.org/en-US/docs/Web/CSS/:out-of-range)
* [:read-only](https://developer.mozilla.org/en-US/docs/Web/CSS/:read-only)
* [:read-write](https://developer.mozilla.org/en-US/docs/Web/CSS/:read-write)
* [:required](https://developer.mozilla.org/en-US/docs/Web/CSS/:required)
* [:right](https://developer.mozilla.org/en-US/docs/Web/CSS/:right)
* [:root](https://developer.mozilla.org/en-US/docs/Web/CSS/:root)
* [:scope](https://developer.mozilla.org/en-US/docs/Web/CSS/:scope)
* [:target](https://developer.mozilla.org/en-US/docs/Web/CSS/:target)
* [:valid](https://developer.mozilla.org/en-US/docs/Web/CSS/:valid)
* [:visited](https://developer.mozilla.org/en-US/docs/Web/CSS/:visited)

### [Pseudo-elements](https://developer.mozilla.org/en-US/docs/Web/CSS/Pseudo-elements)

* [::after](https://developer.mozilla.org/en-US/docs/Web/CSS/::after)
* [::backdrop](https://developer.mozilla.org/en-US/docs/Web/CSS/::backdrop)
* [::before](https://developer.mozilla.org/en-US/docs/Web/CSS/::before)
* [::cue](https://developer.mozilla.org/en-US/docs/Web/CSS/::cue)
* [::first-letter](https://developer.mozilla.org/en-US/docs/Web/CSS/::first-letter)
* [::first-line](https://developer.mozilla.org/en-US/docs/Web/CSS/::first-line)
* [::grammar-error](https://developer.mozilla.org/en-US/docs/Web/CSS/::grammar-error)
* [::marker](https://developer.mozilla.org/en-US/docs/Web/CSS/::marker)
* [::placeholder](https://developer.mozilla.org/en-US/docs/Web/CSS/::placeholder)
* [::selection](https://developer.mozilla.org/en-US/docs/Web/CSS/::selection)
* [::spelling-error](https://developer.mozilla.org/en-US/docs/Web/CSS/::spelling-error)

# JavaScript reference

URL - <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference>

## Global Objects

This chapter documents all the [JavaScript standard built-in objects](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects), along with their methods and properties.

### Value properties

These global properties return a simple value; they have no properties or methods.

* [Infinity](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Infinity)
* [NaN](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/NaN)
* [undefined](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/undefined)
* [null](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/null) literal

### Function properties

These global functions—functions which are called globally rather than on an object—directly return their results to the caller.

* [eval()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/eval)
* [uneval()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/uneval)
* [isFinite()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/isFinite)
* [isNaN()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/isNaN)
* [parseFloat()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/parseFloat)
* [parseInt()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/parseInt)
* [decodeURI()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/decodeURI)
* [decodeURIComponent()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/decodeURIComponent)
* [encodeURI()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/encodeURI)
* [encodeURIComponent()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/encodeURIComponent)
* [escape()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/escape)
* [unescape()](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/unescape)

### Fundamental objects

These are the fundamental, basic objects upon which all other objects are based. This includes objects that represent general objects, functions, and errors.

* [Object](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Object)
* [Function](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Function)
* [Boolean](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Boolean)
* [Symbol](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Symbol)
* [Error](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Error)
* [EvalError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/EvalError)
* [InternalError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/InternalError)
* [RangeError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RangeError)
* [ReferenceError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/ReferenceError)
* [SyntaxError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/SyntaxError)
* [TypeError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/TypeError)
* [URIError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/URIError)

### Numbers and dates

These are the base objects representing numbers, dates, and mathematical calculations.

* [Number](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Number)
* [Math](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Math)
* [Date](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Date)

### Text processing

These objects represent strings and support manipulating them.

* [String](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/String)
* [RegExp](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp)

### Indexed collections

These objects represent collections of data which are ordered by an index value. This includes (typed) arrays and array-like constructs.

* [Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array)
* [Int8Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Int8Array)
* [Uint8Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Uint8Array)
* [Uint8ClampedArray](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Uint8ClampedArray)
* [Int16Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Int16Array)
* [Uint16Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Uint16Array)
* [Int32Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Int32Array)
* [Uint32Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Uint32Array)
* [Float32Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Float32Array)
* [Float64Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Float64Array)

### Keyed collections

These objects represent collections which use keys; these contain elements which are iterable in the order of insertion.

* [Map](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Map)
* [Set](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Set)
* [WeakMap](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WeakMap)
* [WeakSet](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WeakSet)

### Vector collections

[SIMD](https://developer.mozilla.org/en-US/docs/Glossary/SIMD) vector data types are objects where data is arranged into lanes.

* [SIMD](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/SIMD)
* [SIMD.Float32x4](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Float32x4)
* [SIMD.Float64x2](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Float64x2)
* [SIMD.Int8x16](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Int8x16)
* [SIMD.Int16x8](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Int16x8)
* [SIMD.Int32x4](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Int32x4)
* [SIMD.Uint8x16](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Uint8x16)
* [SIMD.Uint16x8](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Uint16x8)
* [SIMD.Uint32x4](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Uint32x4)
* [SIMD.Bool8x16](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Bool8x16)
* [SIMD.Bool16x8](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Bool16x8)
* [SIMD.Bool32x4](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Bool32x4)
* [SIMD.Bool64x2](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Bool64x2)

### Structured data

These objects represent and interact with structured data buffers and data coded using JavaScript Object Notation (JSON).

* [ArrayBuffer](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/ArrayBuffer)
* [SharedArrayBuffer](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/SharedArrayBuffer)
* [Atomics](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Atomics)
* [DataView](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/DataView)
* [JSON](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/JSON)

### Control abstraction objects

* [Promise](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Promise)
* [Generator](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Generator)
* [GeneratorFunction](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/GeneratorFunction)
* [AsyncFunction](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/AsyncFunction)

### Reflection

* [Reflect](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Reflect)
* [Proxy](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Proxy)

### Internationalization

Additions to the ECMAScript core for language-sensitive functionalities.

* [Intl](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Intl)
* [Intl.Collator](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Collator)
* [Intl.DateTimeFormat](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/DateTimeFormat)
* [Intl.NumberFormat](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/NumberFormat)

### WebAssembly

* [WebAssembly](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WebAssembly)
* [WebAssembly.Module](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WebAssembly/Module)
* [WebAssembly.Instance](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WebAssembly/Instance)
* [WebAssembly.Memory](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WebAssembly/Memory)
* [WebAssembly.Table](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WebAssembly/Table)
* [WebAssembly.CompileError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WebAssembly/CompileError)
* [WebAssembly.LinkError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WebAssembly/LinkError)
* [WebAssembly.RuntimeError](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/WebAssembly/RuntimeError)

### Other

* [arguments](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Functions/arguments)

## Statements

This chapter documents all the [JavaScript statements and declarations](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements).

For an alphabetical listing see the sidebar on the left.

### Control flow

[Block](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/block)

A block statement is used to group zero or more statements. The block is delimited by a pair of curly brackets.

[break](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/break)

Terminates the current loop, switch, or label statement and transfers program control to the statement following the terminated statement.

[continue](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/continue)

Terminates execution of the statements in the current iteration of the current or labeled loop, and continues execution of the loop with the next iteration.

[Empty](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/Empty)

An empty statement is used to provide no statement, although the JavaScript syntax would expect one.

[if...else](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/if...else)

Executes a statement if a specified condition is true. If the condition is false, another statement can be executed.

[switch](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/switch)

Evaluates an expression, matching the expression's value to a case clause, and executes statements associated with that case.

[throw](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/throw)

Throws a user-defined exception.

[try...catch](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/try...catch)

Marks a block of statements to try, and specifies a response, should an exception be thrown.

### Declarations

[var](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/var)

Declares a variable, optionally initializing it to a value.

[let](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/let)

Declares a block scope local variable, optionally initializing it to a value.

[const](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/const)

Declares a read-only named constant.

### Functions and classes

[function](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/function)

Declares a function with the specified parameters.

[function\*](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/function*)

Generator Functions enable writing [iterators](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/The_Iterator_protocol) more easily.

[async function](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/async_function)

Declares an async function with the specified parameters.

[return](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/return)

Specifies the value to be returned by a function.

[class](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/class)

Declares a class.

### Iterations

[do...while](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/do...while)

Creates a loop that executes a specified statement until the test condition evaluates to false. The condition is evaluated after executing the statement, resulting in the specified statement executing at least once.

[for](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/for)

Creates a loop that consists of three optional expressions, enclosed in parentheses and separated by semicolons, followed by a statement executed in the loop.

[for each...in](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/for_each...in)

Iterates a specified variable over all values of object's properties. For each distinct property, a specified statement is executed.

[for...in](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/for...in)

Iterates over the enumerable properties of an object, in arbitrary order. For each distinct property, statements can be executed.

[for...of](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/for...of)

Iterates over iterable objects (including [arrays](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array), array-like objects, [iterators and generators](https://developer.mozilla.org/en-US/docs/JavaScript/Guide/Iterators_and_Generators)), invoking a custom iteration hook with statements to be executed for the value of each distinct property.

[while](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/while)

Creates a loop that executes a specified statement as long as the test condition evaluates to true. The condition is evaluated before executing the statement.

### Others

[debugger](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/debugger)

Invokes any available debugging functionality. If no debugging functionality is available, this statement has no effect.

[export](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/export)

Used to export functions to make them available for imports in external modules, another scripts.

[import](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/import)

Used to import functions exported from an external module, another script.

[label](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/label)

Provides a statement with an identifier that you can refer to using a break or continue statement.

[with](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/with)

Extends the scope chain for a statement.

## Expressions and operators

This chapter documents all the [JavaScript expressions and operators](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators).

For an alphabetical listing see the sidebar on the left.

### Primary expressions

Basic keywords and general expressions in JavaScript.

[this](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/this)

The this keyword refers to the function's execution context.

[function](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/function)

The function keyword defines a function expression.

[class](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/class)

The class keyword defines a class expression.

[function\*](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/function*)

The function\* keyword defines a generator function expression.

[yield](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/yield)

Pause and resume a generator function.

[yield\*](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/yield*)

Delegate to another generator function or iterable object.

[async function\*](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/async_function)

The async function defines an async function expression.

[await](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/await)

Pause and resume an async function and wait for the promise's resolution/rejection.

[[]](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array)

Array initializer/literal syntax.

[{}](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Object_initializer)

Object initializer/literal syntax.

[/ab+c/i](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/RegExp)

Regular expression literal syntax.

[( )](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Grouping)

Grouping operator.

### Left-hand-side expressions

Left values are the destination of an assignment.

[Property accessors](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Property_accessors)

Member operators provide access to a property or method of an object  
(object.property and object["property"]).

[new](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/new)

The new operator creates an instance of a constructor.

[new.target](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/new.target)

In constructors, new.target refers to the constructor that was invoked by [new](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/new).

[super](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/super)

The super keyword calls the parent constructor.

[...obj](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Spread_operator)

Spread syntax allows an expression to be expanded in places where multiple arguments (for function calls) or multiple elements (for array literals) are expected.

### Increment and decrement

Postfix/prefix increment and postfix/prefix decrement operators.

[A++](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Increment)

Postfix increment operator.

[A--](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Decrement)

Postfix decrement operator.

[++A](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Increment)

Prefix increment operator.

[--A](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Decrement)

Prefix decrement operator.

### Unary operators

A unary operation is operation with only one operand.

[delete](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/delete)

The delete operator deletes a property from an object.

[void](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/void)

The void operator discards an expression's return value.

[typeof](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/typeof)

The typeof operator determines the type of a given object.

[+](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Unary_plus)

The unary plus operator converts its operand to Number type.

[-](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Unary_negation)

The unary negation operator converts its operand to Number type and then negates it.

[~](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_Operators#Bitwise_NOT)

Bitwise NOT operator.

[!](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Logical_Operators#Logical_NOT)

Logical NOT operator.

### Arithmetic operators

Arithmetic operators take numerical values (either literals or variables) as their operands and return a single numerical value.

[+](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Addition)

Addition operator.

[-](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Subtraction)

Subtraction operator.

[/](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Division)

Division operator.

[\*](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Multiplication)

Multiplication operator.

[%](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Remainder)

Remainder operator.

[\*\*](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Arithmetic_Operators#Exponentiation)

Exponentiation operator.

### Relational operators

A comparison operator compares its operands and returns a Boolean value based on whether the comparison is true.

[in](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/in)

The in operator determines whether an object has a given property.

[instanceof](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/instanceof)

The instanceof operator determines whether an object is an instance of another object.

[<](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comparison_Operators#Less_than_operator)

Less than operator.

[>](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comparison_Operators#Greater_than_operator)

Greater than operator.

[<=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comparison_Operators#Less_than_or_equal_operator)

Less than or equal operator.

[>=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comparison_Operators#Greater_than_or_equal_operator)

Greater than or equal operator.

**Note: =>** is not an operator, but the notation for [Arrow functions](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Functions/Arrow_functions).

### Equality operators

The result of evaluating an equality operator is always of type Boolean based on whether the comparison is true.

[==](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comparison_Operators#Equality)

Equality operator.

[!=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comparison_Operators#Inequality)

Inequality operator.

[===](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comparison_Operators#Identity)

Identity operator.

[!==](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comparison_Operators#Nonidentity)

Nonidentity operator.

### Bitwise shift operators

Operations to shift all bits of the operand.

[<<](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_Operators#Left_shift)

Bitwise left shift operator.

[>>](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_Operators#Right_shift)

Bitwise right shift operator.

[>>>](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_Operators#Unsigned_right_shift)

Bitwise unsigned right shift operator.

### Binary bitwise operators

Bitwise operators treat their operands as a set of 32 bits (zeros and ones) and return standard JavaScript numerical values.

[&](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_Operators#Bitwise_AND)

Bitwise AND.

[|](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_Operators#Bitwise_OR)

Bitwise OR.

[^](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Bitwise_Operators#Bitwise_XOR)

Bitwise XOR.

### Binary logical operators

Logical operators are typically used with boolean (logical) values, and when they are, they return a boolean value.

[&&](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Logical_Operators#Logical_AND)

Logical AND.

[||](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Logical_Operators#Logical_OR)

Logical OR.

### Conditional (ternary) operator

[(condition ? ifTrue : ifFalse)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Conditional_Operator)

The conditional operator returns one of two values based on the logical value of the condition.

### Assignment operators

An assignment operator assigns a value to its left operand based on the value of its right operand.

[=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Assignment)

Assignment operator.

[\*=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Multiplication_assignment)

Multiplication assignment.

[/=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Division_assignment)

Division assignment.

[%=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Remainder_assignment)

Remainder assignment.

[+=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Addition_assignment)

Addition assignment.

[-=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Subtraction_assignment)

Subtraction assignment

[<<=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Left_shift_assignment)

Left shift assignment.

[>>=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Right_shift_assignment)

Right shift assignment.

[>>>=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Unsigned_right_shift_assignment)

Unsigned right shift assignment.

[&=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Bitwise_AND_assignment)

Bitwise AND assignment.

[^=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Bitwise_XOR_assignment)

Bitwise XOR assignment.

[|=](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Assignment_Operators#Bitwise_OR_assignment)

Bitwise OR assignment.

[[a, b] = [1, 2]](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Destructuring_assignment)  
[{a, b} = {a:1, b:2}](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Destructuring_assignment)

Destructuring assignment allows you to assign the properties of an array or object to variables using syntax that looks similar to array or object literals.

### Comma operator

[,](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Comma_Operator)

The comma operator allows multiple expressions to be evaluated in a single statement and returns the result of the last expression.

### Non-standard features

[Legacy generator function](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Legacy_generator_function)

The function keyword can be used to define a legacy generator function inside an expression. To make the function a legacy generator, the function body should contains at least one [yield](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/yield) expression.

[Expression closures](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Expression_closures)

The expression closure syntax is a shorthand for writing simple function.

[[for (x of y) x]](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Array_comprehensions)

Array comprehensions.

[(for (x of y) y)](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Operators/Generator_comprehensions)

Generator comprehensions.

# jQuery API

URL - <http://api.jquery.com/>

# [.add()](http://api.jquery.com/add/)

Create a new jQuery object with elements added to the set of matched elements.

[Traversing](http://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](http://api.jquery.com/category/traversing/miscellaneous-traversal/)

# [.addBack()](http://api.jquery.com/addBack/)

Add the previous set of elements on the stack to the current set, optionally filtered by a selector.

[Attributes](http://api.jquery.com/category/attributes/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Class Attribute](http://api.jquery.com/category/manipulation/class-attribute/) | [CSS](http://api.jquery.com/category/css/)

# [.addClass()](http://api.jquery.com/addClass/)

Adds the specified class(es) to each element in the set of matched elements.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Outside](http://api.jquery.com/category/manipulation/dom-insertion-outside/)

# [.after()](http://api.jquery.com/after/)

Insert content, specified by the parameter, after each element in the set of matched elements.

[Ajax](http://api.jquery.com/category/ajax/) > [Global Ajax Event Handlers](http://api.jquery.com/category/ajax/global-ajax-event-handlers/)

# [.ajaxComplete()](http://api.jquery.com/ajaxComplete/)

Register a handler to be called when Ajax requests complete. This is an AjaxEvent.

[Ajax](http://api.jquery.com/category/ajax/) > [Global Ajax Event Handlers](http://api.jquery.com/category/ajax/global-ajax-event-handlers/)

# [.ajaxError()](http://api.jquery.com/ajaxError/)

Register a handler to be called when Ajax requests complete with an error. This is an Ajax Event.

[Ajax](http://api.jquery.com/category/ajax/) > [Global Ajax Event Handlers](http://api.jquery.com/category/ajax/global-ajax-event-handlers/)

# [.ajaxSend()](http://api.jquery.com/ajaxSend/)

Attach a function to be executed before an Ajax request is sent. This is an Ajax Event.

[Ajax](http://api.jquery.com/category/ajax/) > [Global Ajax Event Handlers](http://api.jquery.com/category/ajax/global-ajax-event-handlers/)

# [.ajaxStart()](http://api.jquery.com/ajaxStart/)

Register a handler to be called when the first Ajax request begins. This is an Ajax Event.

[Ajax](http://api.jquery.com/category/ajax/) > [Global Ajax Event Handlers](http://api.jquery.com/category/ajax/global-ajax-event-handlers/)

# [.ajaxStop()](http://api.jquery.com/ajaxStop/)

Register a handler to be called when all Ajax requests have completed. This is an Ajax Event.

[Ajax](http://api.jquery.com/category/ajax/) > [Global Ajax Event Handlers](http://api.jquery.com/category/ajax/global-ajax-event-handlers/)

# [.ajaxSuccess()](http://api.jquery.com/ajaxSuccess/)

Attach a function to be executed whenever an Ajax request completes successfully. This is an Ajax Event.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic](http://api.jquery.com/category/selectors/basic-css-selectors/)

# [All Selector (“\*”)](http://api.jquery.com/all-selector/)

Selects all elements.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.8](http://api.jquery.com/category/deprecated/deprecated-1.8/) | [Traversing](http://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](http://api.jquery.com/category/traversing/miscellaneous-traversal/) | [Removed](http://api.jquery.com/category/removed/)

# [.andSelf()](http://api.jquery.com/andSelf/)

Add the previous set of elements on the stack to the current set.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/)

# [.animate()](http://api.jquery.com/animate/)

Perform a custom animation of a set of CSS properties.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:animated Selector](http://api.jquery.com/animated-selector/)

Select all elements that are in the progress of an animation at the time the selector is run.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Inside](http://api.jquery.com/category/manipulation/dom-insertion-inside/)

# [.append()](http://api.jquery.com/append/)

Insert content, specified by the parameter, to the end of each element in the set of matched elements.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Inside](http://api.jquery.com/category/manipulation/dom-insertion-inside/)

# [.appendTo()](http://api.jquery.com/appendTo/)

Insert every element in the set of matched elements to the end of the target.

[Attributes](http://api.jquery.com/category/attributes/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [General Attributes](http://api.jquery.com/category/manipulation/general-attributes/)

# [.attr()](http://api.jquery.com/attr/)

Get the value of an attribute for the first element in the set of matched elements or set one or more attributes for every matched element.

[Selectors](http://api.jquery.com/category/selectors/) > [Attribute](http://api.jquery.com/category/selectors/attribute-selectors/)

# [Attribute Contains Prefix Selector [name|=”value”]](http://api.jquery.com/attribute-contains-prefix-selector/)

Selects elements that have the specified attribute with a value either equal to a given string or starting with that string followed by a hyphen (-).

[Selectors](http://api.jquery.com/category/selectors/) > [Attribute](http://api.jquery.com/category/selectors/attribute-selectors/)

# [Attribute Contains Selector [name\*=”value”]](http://api.jquery.com/attribute-contains-selector/)

Selects elements that have the specified attribute with a value containing a given substring.

[Selectors](http://api.jquery.com/category/selectors/) > [Attribute](http://api.jquery.com/category/selectors/attribute-selectors/)

# [Attribute Contains Word Selector [name~=”value”]](http://api.jquery.com/attribute-contains-word-selector/)

Selects elements that have the specified attribute with a value containing a given word, delimited by spaces.

[Selectors](http://api.jquery.com/category/selectors/) > [Attribute](http://api.jquery.com/category/selectors/attribute-selectors/)

# [Attribute Ends With Selector [name$=”value”]](http://api.jquery.com/attribute-ends-with-selector/)

Selects elements that have the specified attribute with a value ending exactly with a given string. The comparison is case sensitive.

[Selectors](http://api.jquery.com/category/selectors/) > [Attribute](http://api.jquery.com/category/selectors/attribute-selectors/)

# [Attribute Equals Selector [name=”value”]](http://api.jquery.com/attribute-equals-selector/)

Selects elements that have the specified attribute with a value exactly equal to a certain value.

[Selectors](http://api.jquery.com/category/selectors/) > [Attribute](http://api.jquery.com/category/selectors/attribute-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [Attribute Not Equal Selector [name!=”value”]](http://api.jquery.com/attribute-not-equal-selector/)

Select elements that either don’t have the specified attribute, or do have the specified attribute but not with a certain value.

[Selectors](http://api.jquery.com/category/selectors/) > [Attribute](http://api.jquery.com/category/selectors/attribute-selectors/)

# [Attribute Starts With Selector [name^=”value”]](http://api.jquery.com/attribute-starts-with-selector/)

Selects elements that have the specified attribute with a value beginning exactly with a given string.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Outside](http://api.jquery.com/category/manipulation/dom-insertion-outside/)

# [.before()](http://api.jquery.com/before/)

Insert content, specified by the parameter, before each element in the set of matched elements.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 3.0](http://api.jquery.com/category/deprecated/deprecated-3.0/) | [Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/)

# [.bind()](http://api.jquery.com/bind/)

Attach a handler to an event for the elements.

[Events](http://api.jquery.com/category/events/) > [Form Events](http://api.jquery.com/category/events/form-events/) | [Forms](http://api.jquery.com/category/forms/)

# [.blur()](http://api.jquery.com/blur/)

Bind an event handler to the “blur” JavaScript event, or trigger that event on an element.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:button Selector](http://api.jquery.com/button-selector/)

Selects all button elements and elements of type button.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.add()](http://api.jquery.com/callbacks.add/)

Add a callback or a collection of callbacks to a callback list.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.disable()](http://api.jquery.com/callbacks.disable/)

Disable a callback list from doing anything more.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.disabled()](http://api.jquery.com/callbacks.disabled/)

Determine if the callbacks list has been disabled.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.empty()](http://api.jquery.com/callbacks.empty/)

Remove all of the callbacks from a list.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.fire()](http://api.jquery.com/callbacks.fire/)

Call all of the callbacks with the given arguments.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.fired()](http://api.jquery.com/callbacks.fired/)

Determine if the callbacks have already been called at least once.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.fireWith()](http://api.jquery.com/callbacks.fireWith/)

Call all callbacks in a list with the given context and arguments.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.has()](http://api.jquery.com/callbacks.has/)

Determine whether or not the list has any callbacks attached. If a callback is provided as an argument, determine whether it is in a list.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.lock()](http://api.jquery.com/callbacks.lock/)

Lock a callback list in its current state.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.locked()](http://api.jquery.com/callbacks.locked/)

Determine if the callbacks list has been locked.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [callbacks.remove()](http://api.jquery.com/callbacks.remove/)

Remove a callback or a collection of callbacks from a callback list.

[Events](http://api.jquery.com/category/events/) > [Form Events](http://api.jquery.com/category/events/form-events/) | [Forms](http://api.jquery.com/category/forms/)

# [.change()](http://api.jquery.com/change/)

Bind an event handler to the “change” JavaScript event, or trigger that event on an element.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:checkbox Selector](http://api.jquery.com/checkbox-selector/)

Selects all elements of type checkbox.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/)

# [:checked Selector](http://api.jquery.com/checked-selector/)

Matches all elements that are checked or selected.

[Selectors](http://api.jquery.com/category/selectors/) > [Hierarchy](http://api.jquery.com/category/selectors/hierarchy-selectors/)

# [Child Selector (“parent > child”)](http://api.jquery.com/child-selector/)

Selects all direct child elements specified by “child” of elements specified by “parent”.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.children()](http://api.jquery.com/children/)

Get the children of each element in the set of matched elements, optionally filtered by a selector.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic](http://api.jquery.com/category/selectors/basic-css-selectors/)

# [Class Selector (“.class”)](http://api.jquery.com/class-selector/)

Selects all elements with the given class.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/) | [Data](http://api.jquery.com/category/data/) | [Utilities](http://api.jquery.com/category/utilities/)

# [.clearQueue()](http://api.jquery.com/clearQueue/)

Remove from the queue all items that have not yet been run.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.click()](http://api.jquery.com/click/)

Bind an event handler to the “click” JavaScript event, or trigger that event on an element.

[Manipulation](http://api.jquery.com/category/manipulation/) > [Copying](http://api.jquery.com/category/manipulation/copying/)

# [.clone()](http://api.jquery.com/clone/)

Create a deep copy of the set of matched elements.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.closest()](http://api.jquery.com/closest/)

For each element in the set, get the first element that matches the selector by testing the element itself and traversing up through its ancestors in the DOM tree.

[Selectors](http://api.jquery.com/category/selectors/) > [Content Filter](http://api.jquery.com/category/selectors/content-filter-selector/)

# [:contains() Selector](http://api.jquery.com/contains-selector/)

Select all elements that contain the specified text.

[Traversing](http://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](http://api.jquery.com/category/traversing/miscellaneous-traversal/)

# [.contents()](http://api.jquery.com/contents/)

Get the children of each element in the set of matched elements, including text and comment nodes.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.10](http://api.jquery.com/category/deprecated/deprecated-1.10/) | [Internals](http://api.jquery.com/category/internals/) | [Properties](http://api.jquery.com/category/properties/) > [Properties of jQuery Object Instances](http://api.jquery.com/category/properties/jquery-object-instance-properties/) | [Removed](http://api.jquery.com/category/removed/)

# [.context](http://api.jquery.com/context/)

The DOM node context originally passed to jQuery(); if none was passed then context will likely be the document.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.contextmenu()](http://api.jquery.com/contextmenu/)

Bind an event handler to the “contextmenu” JavaScript event, or trigger that event on an element.

[CSS](http://api.jquery.com/category/css/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.css()](http://api.jquery.com/css/)

Get the value of a computed style property for the first element in the set of matched elements or set one or more CSS properties for every matched element.

[Data](http://api.jquery.com/category/data/) | [Miscellaneous](http://api.jquery.com/category/miscellaneous/) > [Data Storage](http://api.jquery.com/category/miscellaneous/data-storage/)

# [.data()](http://api.jquery.com/data/)

Store arbitrary data associated with the matched elements or return the value at the named data store for the first element in the set of matched elements.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.dblclick()](http://api.jquery.com/dblclick/)

Bind an event handler to the “dblclick” JavaScript event, or trigger that event on an element.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.always()](http://api.jquery.com/deferred.always/)

Add handlers to be called when the Deferred object is either resolved or rejected.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.catch()](http://api.jquery.com/deferred.catch/)

Add handlers to be called when the Deferred object is rejected.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.done()](http://api.jquery.com/deferred.done/)

Add handlers to be called when the Deferred object is resolved.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.fail()](http://api.jquery.com/deferred.fail/)

Add handlers to be called when the Deferred object is rejected.

[Deferred Object](http://api.jquery.com/category/deferred-object/) | [Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.7](http://api.jquery.com/category/deprecated/deprecated-1.7/) | [Removed](http://api.jquery.com/category/removed/)

# [deferred.isRejected()](http://api.jquery.com/deferred.isRejected/)

Determine whether a Deferred object has been rejected.

[Deferred Object](http://api.jquery.com/category/deferred-object/) | [Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.7](http://api.jquery.com/category/deprecated/deprecated-1.7/) | [Removed](http://api.jquery.com/category/removed/)

# [deferred.isResolved()](http://api.jquery.com/deferred.isResolved/)

Determine whether a Deferred object has been resolved.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.notify()](http://api.jquery.com/deferred.notify/)

Call the progressCallbacks on a Deferred object with the given args.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.notifyWith()](http://api.jquery.com/deferred.notifyWith/)

Call the progressCallbacks on a Deferred object with the given context and args.

[Deferred Object](http://api.jquery.com/category/deferred-object/) | [Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.8](http://api.jquery.com/category/deprecated/deprecated-1.8/)

# [deferred.pipe()](http://api.jquery.com/deferred.pipe/)

Utility method to filter and/or chain Deferreds.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.progress()](http://api.jquery.com/deferred.progress/)

Add handlers to be called when the Deferred object generates progress notifications.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.promise()](http://api.jquery.com/deferred.promise/)

Return a Deferred’s Promise object.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.reject()](http://api.jquery.com/deferred.reject/)

Reject a Deferred object and call any failCallbacks with the given args.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.rejectWith()](http://api.jquery.com/deferred.rejectWith/)

Reject a Deferred object and call any failCallbacks with the given context and args.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.resolve()](http://api.jquery.com/deferred.resolve/)

Resolve a Deferred object and call any doneCallbacks with the given args.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.resolveWith()](http://api.jquery.com/deferred.resolveWith/)

Resolve a Deferred object and call any doneCallbacks with the given context and args.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.state()](http://api.jquery.com/deferred.state/)

Determine the current state of a Deferred object.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [deferred.then()](http://api.jquery.com/deferred.then/)

Add handlers to be called when the Deferred object is resolved, rejected, or still in progress.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/)

# [.delay()](http://api.jquery.com/delay/)

Set a timer to delay execution of subsequent items in the queue.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 3.0](http://api.jquery.com/category/deprecated/deprecated-3.0/) | [Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/)

# [.delegate()](http://api.jquery.com/delegate/)

Attach a handler to one or more events for all elements that match the selector, now or in the future, based on a specific set of root elements.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/) | [Data](http://api.jquery.com/category/data/) | [Utilities](http://api.jquery.com/category/utilities/)

# [.dequeue()](http://api.jquery.com/dequeue/)

Execute the next function on the queue for the matched elements.

[Selectors](http://api.jquery.com/category/selectors/) > [Hierarchy](http://api.jquery.com/category/selectors/hierarchy-selectors/)

# [Descendant Selector (“ancestor descendant”)](http://api.jquery.com/descendant-selector/)

Selects all elements that are descendants of a given ancestor.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Removal](http://api.jquery.com/category/manipulation/dom-removal/)

# [.detach()](http://api.jquery.com/detach/)

Remove the set of matched elements from the DOM.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.7](http://api.jquery.com/category/deprecated/deprecated-1.7/) | [Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/) | [Removed](http://api.jquery.com/category/removed/)

# [.die()](http://api.jquery.com/die/)

Remove event handlers previously attached using .live() from the elements.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/)

# [:disabled Selector](http://api.jquery.com/disabled-selector/)

Selects all elements that are disabled.

[Miscellaneous](http://api.jquery.com/category/miscellaneous/) > [Collection Manipulation](http://api.jquery.com/category/miscellaneous/collection-manipulation/) | [Traversing](http://api.jquery.com/category/traversing/)

# [.each()](http://api.jquery.com/each/)

Iterate over a jQuery object, executing a function for each matched element.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic](http://api.jquery.com/category/selectors/basic-css-selectors/)

# [Element Selector (“element”)](http://api.jquery.com/element-selector/)

Selects all elements with the given tag name.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Removal](http://api.jquery.com/category/manipulation/dom-removal/)

# [.empty()](http://api.jquery.com/empty/)

Remove all child nodes of the set of matched elements from the DOM.

[Selectors](http://api.jquery.com/category/selectors/) > [Content Filter](http://api.jquery.com/category/selectors/content-filter-selector/)

# [:empty Selector](http://api.jquery.com/empty-selector/)

Select all elements that have no children (including text nodes).

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/)

# [:enabled Selector](http://api.jquery.com/enabled-selector/)

Selects all elements that are enabled.

[Traversing](http://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](http://api.jquery.com/category/traversing/miscellaneous-traversal/)

# [.end()](http://api.jquery.com/end/)

End the most recent filtering operation in the current chain and return the set of matched elements to its previous state.

[Traversing](http://api.jquery.com/category/traversing/) > [Filtering](http://api.jquery.com/category/traversing/filtering/)

# [.eq()](http://api.jquery.com/eq/)

Reduce the set of matched elements to the one at the specified index.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:eq() Selector](http://api.jquery.com/eq-selector/)

Select the element at index n within the matched set.

[Events](http://api.jquery.com/category/events/) > [Browser Events](http://api.jquery.com/category/events/browser-events/) | [Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.8](http://api.jquery.com/category/deprecated/deprecated-1.8/) | [Removed](http://api.jquery.com/category/removed/)

# [.error()](http://api.jquery.com/error/)

Bind an event handler to the “error” JavaScript event.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:even Selector](http://api.jquery.com/even-selector/)

Selects even elements, zero-indexed. See also odd.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.currentTarget](http://api.jquery.com/event.currentTarget/)

The current DOM element within the event bubbling phase.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.data](http://api.jquery.com/event.data/)

An optional object of data passed to an event method when the current executing handler is bound.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/) | [Events](http://api.jquery.com/category/events/)

# [event.delegateTarget](http://api.jquery.com/event.delegateTarget/)

The element where the currently-called jQuery event handler was attached.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.isDefaultPrevented()](http://api.jquery.com/event.isDefaultPrevented/)

Returns whether event.preventDefault() was ever called on this event object.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.isImmediatePropagationStopped()](http://api.jquery.com/event.isImmediatePropagationStopped/)

Returns whether event.stopImmediatePropagation() was ever called on this event object.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.isPropagationStopped()](http://api.jquery.com/event.isPropagationStopped/)

Returns whether event.stopPropagation() was ever called on this event object.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.metaKey](http://api.jquery.com/event.metaKey/)

Indicates whether the META key was pressed when the event fired.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.namespace](http://api.jquery.com/event.namespace/)

The namespace specified when the event was triggered.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.pageX](http://api.jquery.com/event.pageX/)

The mouse position relative to the left edge of the document.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.pageY](http://api.jquery.com/event.pageY/)

The mouse position relative to the top edge of the document.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.preventDefault()](http://api.jquery.com/event.preventDefault/)

If this method is called, the default action of the event will not be triggered.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.relatedTarget](http://api.jquery.com/event.relatedTarget/)

The other DOM element involved in the event, if any.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.result](http://api.jquery.com/event.result/)

The last value returned by an event handler that was triggered by this event, unless the value was undefined.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.stopImmediatePropagation()](http://api.jquery.com/event.stopImmediatePropagation/)

Keeps the rest of the handlers from being executed and prevents the event from bubbling up the DOM tree.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.stopPropagation()](http://api.jquery.com/event.stopPropagation/)

Prevents the event from bubbling up the DOM tree, preventing any parent handlers from being notified of the event.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.target](http://api.jquery.com/event.target/)

The DOM element that initiated the event.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.timeStamp](http://api.jquery.com/event.timeStamp/)

The difference in milliseconds between the time the browser created the event and January 1, 1970.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.type](http://api.jquery.com/event.type/)

Describes the nature of the event.

[Events](http://api.jquery.com/category/events/) > [Event Object](http://api.jquery.com/category/events/event-object/)

# [event.which](http://api.jquery.com/event.which/)

For key or mouse events, this property indicates the specific key or button that was pressed.

[Effects](http://api.jquery.com/category/effects/) > [Fading](http://api.jquery.com/category/effects/fading/)

# [.fadeIn()](http://api.jquery.com/fadeIn/)

Display the matched elements by fading them to opaque.

[Effects](http://api.jquery.com/category/effects/) > [Fading](http://api.jquery.com/category/effects/fading/)

# [.fadeOut()](http://api.jquery.com/fadeOut/)

Hide the matched elements by fading them to transparent.

[Effects](http://api.jquery.com/category/effects/) > [Fading](http://api.jquery.com/category/effects/fading/)

# [.fadeTo()](http://api.jquery.com/fadeTo/)

Adjust the opacity of the matched elements.

[Effects](http://api.jquery.com/category/effects/) | [Effects](http://api.jquery.com/category/effects/) > [Fading](http://api.jquery.com/category/effects/fading/)

# [.fadeToggle()](http://api.jquery.com/fadeToggle/)

Display or hide the matched elements by animating their opacity.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:file Selector](http://api.jquery.com/file-selector/)

Selects all elements of type file.

[Traversing](http://api.jquery.com/category/traversing/) > [Filtering](http://api.jquery.com/category/traversing/filtering/)

# [.filter()](http://api.jquery.com/filter/)

Reduce the set of matched elements to those that match the selector or pass the function’s test.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.find()](http://api.jquery.com/find/)

Get the descendants of each element in the current set of matched elements, filtered by a selector, jQuery object, or element.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/)

# [.finish()](http://api.jquery.com/finish/)

Stop the currently-running animation, remove all queued animations, and complete all animations for the matched elements.

[Traversing](http://api.jquery.com/category/traversing/) > [Filtering](http://api.jquery.com/category/traversing/filtering/)

# [.first()](http://api.jquery.com/first/)

Reduce the set of matched elements to the first in the set.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:first-child Selector](http://api.jquery.com/first-child-selector/)

Selects all elements that are the first child of their parent.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:first-of-type Selector](http://api.jquery.com/first-of-type-selector/)

Selects all elements that are the first among siblings of the same element name.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:first Selector](http://api.jquery.com/first-selector/)

Selects the first matched DOM element.

[Events](http://api.jquery.com/category/events/) > [Form Events](http://api.jquery.com/category/events/form-events/) | [Forms](http://api.jquery.com/category/forms/)

# [.focus()](http://api.jquery.com/focus/)

Bind an event handler to the “focus” JavaScript event, or trigger that event on an element.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/)

# [:focus Selector](http://api.jquery.com/focus-selector/)

Selects element if it is currently focused.

[Events](http://api.jquery.com/category/events/) > [Form Events](http://api.jquery.com/category/events/form-events/) | [Forms](http://api.jquery.com/category/forms/)

# [.focusin()](http://api.jquery.com/focusin/)

Bind an event handler to the “focusin” event.

[Events](http://api.jquery.com/category/events/) > [Form Events](http://api.jquery.com/category/events/form-events/) | [Forms](http://api.jquery.com/category/forms/)

# [.focusout()](http://api.jquery.com/focusout/)

Bind an event handler to the “focusout” JavaScript event.

[Miscellaneous](http://api.jquery.com/category/miscellaneous/) > [DOM Element Methods](http://api.jquery.com/category/miscellaneous/dom-element-methods/)

# [.get()](http://api.jquery.com/get/)

Retrieve the DOM elements matched by the jQuery object.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:gt() Selector](http://api.jquery.com/gt-selector/)

Select all elements at an index greater than index within the matched set.

[Traversing](http://api.jquery.com/category/traversing/) > [Filtering](http://api.jquery.com/category/traversing/filtering/)

# [.has()](http://api.jquery.com/has/)

Reduce the set of matched elements to those that have a descendant that matches the selector or DOM element.

[Selectors](http://api.jquery.com/category/selectors/) > [Attribute](http://api.jquery.com/category/selectors/attribute-selectors/)

# [Has Attribute Selector [name]](http://api.jquery.com/has-attribute-selector/)

Selects elements that have the specified attribute, with any value.

[Selectors](http://api.jquery.com/category/selectors/) > [Content Filter](http://api.jquery.com/category/selectors/content-filter-selector/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:has() Selector](http://api.jquery.com/has-selector/)

Selects elements which contain at least one element that matches the specified selector.

[Attributes](http://api.jquery.com/category/attributes/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Class Attribute](http://api.jquery.com/category/manipulation/class-attribute/) | [CSS](http://api.jquery.com/category/css/)

# [.hasClass()](http://api.jquery.com/hasClass/)

Determine whether any of the matched elements are assigned the given class.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:header Selector](http://api.jquery.com/header-selector/)

Selects all elements that are headers, like h1, h2, h3 and so on.

[CSS](http://api.jquery.com/category/css/) | [Dimensions](http://api.jquery.com/category/dimensions/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.height()](http://api.jquery.com/height/)

Get the current computed height for the first element in the set of matched elements or set the height of every matched element.

[Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/) | [Selectors](http://api.jquery.com/category/selectors/) > [Visibility Filter](http://api.jquery.com/category/selectors/visibility-filter-selectors/)

# [:hidden Selector](http://api.jquery.com/hidden-selector/)

Selects all elements that are hidden.

[Effects](http://api.jquery.com/category/effects/) > [Basics](http://api.jquery.com/category/effects/basics/)

# [.hide()](http://api.jquery.com/hide/)

Hide the matched elements.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.hover()](http://api.jquery.com/hover/)

Bind one or two handlers to the matched elements, to be executed when the mouse pointer enters and leaves the elements.

[Attributes](http://api.jquery.com/category/attributes/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Inside](http://api.jquery.com/category/manipulation/dom-insertion-inside/)

# [.html()](http://api.jquery.com/html/)

Get the HTML contents of the first element in the set of matched elements or set the HTML contents of every matched element.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic](http://api.jquery.com/category/selectors/basic-css-selectors/)

# [ID Selector (“#id”)](http://api.jquery.com/id-selector/)

Selects a single element with the given id attribute.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:image Selector](http://api.jquery.com/image-selector/)

Selects all elements of type image.

[Miscellaneous](http://api.jquery.com/category/miscellaneous/) > [DOM Element Methods](http://api.jquery.com/category/miscellaneous/dom-element-methods/)

# [.index()](http://api.jquery.com/index/)

Search for a given element from among the matched elements.

[CSS](http://api.jquery.com/category/css/) | [Dimensions](http://api.jquery.com/category/dimensions/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.innerHeight()](http://api.jquery.com/innerHeight/)

Get the current computed inner height (including padding but not border) for the first element in the set of matched elements or set the inner height of every matched element.

[CSS](http://api.jquery.com/category/css/) | [Dimensions](http://api.jquery.com/category/dimensions/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.innerWidth()](http://api.jquery.com/innerWidth/)

Get the current computed inner width (including padding but not border) for the first element in the set of matched elements or set the inner width of every matched element.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:input Selector](http://api.jquery.com/input-selector/)

Selects all input, textarea, select and button elements.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Outside](http://api.jquery.com/category/manipulation/dom-insertion-outside/)

# [.insertAfter()](http://api.jquery.com/insertAfter/)

Insert every element in the set of matched elements after the target.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Outside](http://api.jquery.com/category/manipulation/dom-insertion-outside/)

# [.insertBefore()](http://api.jquery.com/insertBefore/)

Insert every element in the set of matched elements before the target.

[Traversing](http://api.jquery.com/category/traversing/) > [Filtering](http://api.jquery.com/category/traversing/filtering/)

# [.is()](http://api.jquery.com/is/)

Check the current matched set of elements against a selector, element, or jQuery object and return true if at least one of these elements matches the given arguments.

[Core](http://api.jquery.com/category/core/)

# [jQuery()](http://api.jquery.com/jQuery/)

Return a collection of matched elements either found in the DOM based on passed argument(s) or created by passing an HTML string.

[Internals](http://api.jquery.com/category/internals/) | [Properties](http://api.jquery.com/category/properties/) > [Properties of jQuery Object Instances](http://api.jquery.com/category/properties/jquery-object-instance-properties/)

# [.jquery](http://api.jquery.com/jquery-2/)

A string containing the jQuery version number.

[Ajax](http://api.jquery.com/category/ajax/) > [Low-Level Interface](http://api.jquery.com/category/ajax/low-level-interface/)

# [jQuery.ajax()](http://api.jquery.com/jQuery.ajax/)

Perform an asynchronous HTTP (Ajax) request.

[Ajax](http://api.jquery.com/category/ajax/) > [Low-Level Interface](http://api.jquery.com/category/ajax/low-level-interface/)

# [jQuery.ajaxPrefilter()](http://api.jquery.com/jQuery.ajaxPrefilter/)

Handle custom Ajax options or modify existing options before each request is sent and before they are processed by $.ajax().

[Ajax](http://api.jquery.com/category/ajax/) > [Low-Level Interface](http://api.jquery.com/category/ajax/low-level-interface/)

# [jQuery.ajaxSetup()](http://api.jquery.com/jQuery.ajaxSetup/)

Set default values for future Ajax requests. Its use is not recommended.

[Ajax](http://api.jquery.com/category/ajax/) > [Low-Level Interface](http://api.jquery.com/category/ajax/low-level-interface/)

# [jQuery.ajaxTransport()](http://api.jquery.com/jQuery.ajaxTransport/)

Creates an object that handles the actual transmission of Ajax data.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.3](http://api.jquery.com/category/deprecated/deprecated-1.3/) | [Removed](http://api.jquery.com/category/removed/) | [Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.boxModel](http://api.jquery.com/jQuery.boxModel/)

States if the current page, in the user’s browser, is being rendered using the W3C CSS Box Model. This property was removed in jQuery 1.8. Please try to use feature detection instead.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.3](http://api.jquery.com/category/deprecated/deprecated-1.3/) | [Properties](http://api.jquery.com/category/properties/) > [Properties of the Global jQuery Object](http://api.jquery.com/category/properties/global-jquery-object-properties/) | [Removed](http://api.jquery.com/category/removed/) | [Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.browser](http://api.jquery.com/jQuery.browser/)

Contains flags for the useragent, read from navigator.userAgent. This property was removed in jQuery 1.9 and is available only through the jQuery.migrate plugin. Please try to use feature detection instead.

[Callbacks Object](http://api.jquery.com/category/callbacks-object/)

# [jQuery.Callbacks()](http://api.jquery.com/jQuery.Callbacks/)

A multi-purpose callbacks list object that provides a powerful way to manage callback lists.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.contains()](http://api.jquery.com/jQuery.contains/)

Check to see if a DOM element is a descendant of another DOM element.

[CSS](http://api.jquery.com/category/css/)

# [jQuery.cssHooks](http://api.jquery.com/jQuery.cssHooks/)

Hook directly into jQuery to override how particular CSS properties are retrieved or set, normalize CSS property naming, or create custom properties.

[CSS](http://api.jquery.com/category/css/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [jQuery.cssNumber](http://api.jquery.com/jQuery.cssNumber/)

An object containing all CSS properties that may be used without a unit. The .css() method uses this object to see if it may append px to unitless values.

[Data](http://api.jquery.com/category/data/) | [Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.data()](http://api.jquery.com/jQuery.data/)

Store arbitrary data associated with the specified element and/or return the value that was set.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [jQuery.Deferred()](http://api.jquery.com/jQuery.Deferred/)

A factory function that returns a chainable utility object with methods to register multiple callbacks into callback queues, invoke callback queues, and relay the success or failure state of any synchronous or asynchronous function.

[Data](http://api.jquery.com/category/data/) | [Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.dequeue()](http://api.jquery.com/jQuery.dequeue/)

Execute the next function on the queue for the matched element.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.each()](http://api.jquery.com/jQuery.each/)

A generic iterator function, which can be used to seamlessly iterate over both objects and arrays. Arrays and array-like objects with a length property (such as a function’s arguments object) are iterated by numeric index, from 0 to length-1. Other objects are iterated via their named properties.

[Internals](http://api.jquery.com/category/internals/)

# [jQuery.error()](http://api.jquery.com/jQuery.error/)

Takes a string and throws an exception containing it.

[CSS](http://api.jquery.com/category/css/)

# [jQuery.escapeSelector()](http://api.jquery.com/jQuery.escapeSelector/)

Escapes any character that has a special meaning in a CSS selector.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.extend()](http://api.jquery.com/jQuery.extend/)

Merge the contents of two or more objects together into the first object.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.fn.extend()](http://api.jquery.com/jQuery.fn.extend/)

Merge the contents of an object onto the jQuery prototype to provide new jQuery instance methods.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/) | [Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 3.0](http://api.jquery.com/category/deprecated/deprecated-3.0/) | [Properties](http://api.jquery.com/category/properties/) > [Properties of the Global jQuery Object](http://api.jquery.com/category/properties/global-jquery-object-properties/)

# [jQuery.fx.interval](http://api.jquery.com/jQuery.fx.interval/)

The rate (in milliseconds) at which animations fire.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/) | [Properties](http://api.jquery.com/category/properties/) > [Properties of the Global jQuery Object](http://api.jquery.com/category/properties/global-jquery-object-properties/)

# [jQuery.fx.off](http://api.jquery.com/jQuery.fx.off/)

Globally disable all animations.

[Ajax](http://api.jquery.com/category/ajax/) > [Shorthand Methods](http://api.jquery.com/category/ajax/shorthand-methods/)

# [jQuery.get()](http://api.jquery.com/jQuery.get/)

Load data from the server using a HTTP GET request.

[Ajax](http://api.jquery.com/category/ajax/) > [Shorthand Methods](http://api.jquery.com/category/ajax/shorthand-methods/)

# [jQuery.getJSON()](http://api.jquery.com/jQuery.getJSON/)

Load JSON-encoded data from the server using a GET HTTP request.

[Ajax](http://api.jquery.com/category/ajax/) > [Shorthand Methods](http://api.jquery.com/category/ajax/shorthand-methods/)

# [jQuery.getScript()](http://api.jquery.com/jQuery.getScript/)

Load a JavaScript file from the server using a GET HTTP request, then execute it.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.globalEval()](http://api.jquery.com/jQuery.globalEval/)

Execute some JavaScript code globally.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.grep()](http://api.jquery.com/jQuery.grep/)

Finds the elements of an array which satisfy a filter function. The original array is not affected.

[Data](http://api.jquery.com/category/data/)

# [jQuery.hasData()](http://api.jquery.com/jQuery.hasData/)

Determine whether an element has any jQuery data associated with it.

[Core](http://api.jquery.com/category/core/) | [Events](http://api.jquery.com/category/events/) > [Document Loading](http://api.jquery.com/category/events/document-loading/) | [Properties](http://api.jquery.com/category/properties/) > [Properties of the Global jQuery Object](http://api.jquery.com/category/properties/global-jquery-object-properties/)

# [jQuery.holdReady()](http://api.jquery.com/jQuery.holdReady/)

Holds or releases the execution of jQuery’s ready event.

[Manipulation](http://api.jquery.com/category/manipulation/)

# [jQuery.htmlPrefilter()](http://api.jquery.com/jQuery.htmlPrefilter/)

Modify and filter HTML strings passed through jQuery manipulation methods.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.inArray()](http://api.jquery.com/jQuery.inArray/)

Search for a specified value within an array and return its index (or -1 if not found).

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.isArray()](http://api.jquery.com/jQuery.isArray/)

Determine whether the argument is an array.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.isEmptyObject()](http://api.jquery.com/jQuery.isEmptyObject/)

Check to see if an object is empty (contains no enumerable properties).

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.isFunction()](http://api.jquery.com/jQuery.isFunction/)

Determine if the argument passed is a JavaScript function object.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.isNumeric()](http://api.jquery.com/jQuery.isNumeric/)

Determines whether its argument represents a JavaScript number.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.isPlainObject()](http://api.jquery.com/jQuery.isPlainObject/)

Check to see if an object is a plain object (created using “{}” or “new Object”).

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.isWindow()](http://api.jquery.com/jQuery.isWindow/)

Determine whether the argument is a window.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.isXMLDoc()](http://api.jquery.com/jQuery.isXMLDoc/)

Check to see if a DOM node is within an XML document (or is an XML document).

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.makeArray()](http://api.jquery.com/jQuery.makeArray/)

Convert an array-like object into a true JavaScript array.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.map()](http://api.jquery.com/jQuery.map/)

Translate all items in an array or object to new array of items.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.merge()](http://api.jquery.com/jQuery.merge/)

Merge the contents of two arrays together into the first array.

[Core](http://api.jquery.com/category/core/) | [Miscellaneous](http://api.jquery.com/category/miscellaneous/) > [Setup Methods](http://api.jquery.com/category/miscellaneous/setup-methods/)

# [jQuery.noConflict()](http://api.jquery.com/jQuery.noConflict/)

Relinquish jQuery’s control of the $ variable.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.noop()](http://api.jquery.com/jQuery.noop/)

An empty function.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.now()](http://api.jquery.com/jQuery.now/)

Return a number representing the current time.

[Miscellaneous](http://api.jquery.com/category/miscellaneous/) > [Collection Manipulation](http://api.jquery.com/category/miscellaneous/collection-manipulation/) | [Forms](http://api.jquery.com/category/forms/) | [Ajax](http://api.jquery.com/category/ajax/) > [Helper Functions](http://api.jquery.com/category/ajax/helper-functions/)

# [jQuery.param()](http://api.jquery.com/jQuery.param/)

Create a serialized representation of an array, a plain object, or a jQuery object suitable for use in a URL query string or Ajax request. In case a jQuery object is passed, it should contain input elements with name/value properties.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.parseHTML()](http://api.jquery.com/jQuery.parseHTML/)

Parses a string into an array of DOM nodes.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.parseJSON()](http://api.jquery.com/jQuery.parseJSON/)

Takes a well-formed JSON string and returns the resulting JavaScript value.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.parseXML()](http://api.jquery.com/jQuery.parseXML/)

Parses a string into an XML document.

[Ajax](http://api.jquery.com/category/ajax/) > [Shorthand Methods](http://api.jquery.com/category/ajax/shorthand-methods/)

# [jQuery.post()](http://api.jquery.com/jQuery.post/)

Load data from the server using a HTTP POST request.

[Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/) | [Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.proxy()](http://api.jquery.com/jQuery.proxy/)

Takes a function and returns a new one that will always have a particular context.

[Data](http://api.jquery.com/category/data/) | [Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.queue()](http://api.jquery.com/jQuery.queue/)

Show or manipulate the queue of functions to be executed on the matched element.

[Core](http://api.jquery.com/category/core/) | [Events](http://api.jquery.com/category/events/) > [Document Loading](http://api.jquery.com/category/events/document-loading/) | [Properties](http://api.jquery.com/category/properties/) > [Properties of the Global jQuery Object](http://api.jquery.com/category/properties/global-jquery-object-properties/)

# [jQuery.ready](http://api.jquery.com/jQuery.ready/)

A Promise-like object (or “thenable”) that resolves when the document is ready.

[Core](http://api.jquery.com/category/core/)

# [jQuery.readyException()](http://api.jquery.com/jQuery.readyException/)

Handles errors thrown synchronously in functions wrapped in jQuery().

[Data](http://api.jquery.com/category/data/) | [Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.removeData()](http://api.jquery.com/jQuery.removeData/)

Remove a previously-stored piece of data.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/)

# [jQuery.speed](http://api.jquery.com/jQuery.speed/)

Creates an object containing a set of properties ready to be used in the definition of custom animations.

[Core](http://api.jquery.com/category/core/) | [Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.7](http://api.jquery.com/category/deprecated/deprecated-1.7/) | [Removed](http://api.jquery.com/category/removed/)

# [jQuery.sub()](http://api.jquery.com/jQuery.sub/)

Creates a new copy of jQuery whose properties and methods can be modified without affecting the original jQuery object.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.9](http://api.jquery.com/category/deprecated/deprecated-1.9/) | [Properties](http://api.jquery.com/category/properties/) > [Properties of the Global jQuery Object](http://api.jquery.com/category/properties/global-jquery-object-properties/) | [Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.support](http://api.jquery.com/jQuery.support/)

A collection of properties that represent the presence of different browser features or bugs. Intended for jQuery’s internal use; specific properties may be removed when they are no longer needed internally to improve page startup performance. For your own project’s feature-detection needs, we strongly recommend the use of an external library such as Modernizr instead of dependency on properties in jQuery.support.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.trim()](http://api.jquery.com/jQuery.trim/)

Remove the whitespace from the beginning and end of a string.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.type()](http://api.jquery.com/jQuery.type/)

Determine the internal JavaScript [[Class]] of an object.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.unique()](http://api.jquery.com/jQuery.unique/)

Sorts an array of DOM elements, in place, with the duplicates removed. Note that this only works on arrays of DOM elements, not strings or numbers.

[Utilities](http://api.jquery.com/category/utilities/)

# [jQuery.uniqueSort()](http://api.jquery.com/jQuery.uniqueSort/)

Sorts an array of DOM elements, in place, with the duplicates removed. Note that this only works on arrays of DOM elements, not strings or numbers.

[Core](http://api.jquery.com/category/core/) | [Deferred Object](http://api.jquery.com/category/deferred-object/)

# [jQuery.when()](http://api.jquery.com/jQuery.when/)

Provides a way to execute callback functions based on zero or more Thenable objects, usually Deferred objects that represent asynchronous events.

[Events](http://api.jquery.com/category/events/) > [Keyboard Events](http://api.jquery.com/category/events/keyboard-events/)

# [.keydown()](http://api.jquery.com/keydown/)

Bind an event handler to the “keydown” JavaScript event, or trigger that event on an element.

[Events](http://api.jquery.com/category/events/) > [Keyboard Events](http://api.jquery.com/category/events/keyboard-events/)

# [.keypress()](http://api.jquery.com/keypress/)

Bind an event handler to the “keypress” JavaScript event, or trigger that event on an element.

[Events](http://api.jquery.com/category/events/) > [Keyboard Events](http://api.jquery.com/category/events/keyboard-events/)

# [.keyup()](http://api.jquery.com/keyup/)

Bind an event handler to the “keyup” JavaScript event, or trigger that event on an element.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/)

# [:lang() Selector](http://api.jquery.com/lang-selector/)

Selects all elements of the specified language.

[Traversing](http://api.jquery.com/category/traversing/) > [Filtering](http://api.jquery.com/category/traversing/filtering/)

# [.last()](http://api.jquery.com/last/)

Reduce the set of matched elements to the final one in the set.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:last-child Selector](http://api.jquery.com/last-child-selector/)

Selects all elements that are the last child of their parent.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:last-of-type Selector](http://api.jquery.com/last-of-type-selector/)

Selects all elements that are the last among siblings of the same element name.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:last Selector](http://api.jquery.com/last-selector/)

Selects the last matched element.

[Properties](http://api.jquery.com/category/properties/) > [Properties of jQuery Object Instances](http://api.jquery.com/category/properties/jquery-object-instance-properties/)

# [.length](http://api.jquery.com/length/)

The number of elements in the jQuery object.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.7](http://api.jquery.com/category/deprecated/deprecated-1.7/) | [Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/) | [Removed](http://api.jquery.com/category/removed/)

# [.live()](http://api.jquery.com/live/)

Attach an event handler for all elements which match the current selector, now and in the future.

[Ajax](http://api.jquery.com/category/ajax/) > [Shorthand Methods](http://api.jquery.com/category/ajax/shorthand-methods/)

# [.load()](http://api.jquery.com/load/)

Load data from the server and place the returned HTML into the matched element.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.8](http://api.jquery.com/category/deprecated/deprecated-1.8/) | [Events](http://api.jquery.com/category/events/) > [Document Loading](http://api.jquery.com/category/events/document-loading/) | [Removed](http://api.jquery.com/category/removed/)

# [.load()](http://api.jquery.com/load-event/)

Bind an event handler to the “load” JavaScript event.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:lt() Selector](http://api.jquery.com/lt-selector/)

Select all elements at an index less than index within the matched set.

[Traversing](http://api.jquery.com/category/traversing/) > [Filtering](http://api.jquery.com/category/traversing/filtering/)

# [.map()](http://api.jquery.com/map/)

Pass each element in the current matched set through a function, producing a new jQuery object containing the return values.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.mousedown()](http://api.jquery.com/mousedown/)

Bind an event handler to the “mousedown” JavaScript event, or trigger that event on an element.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.mouseenter()](http://api.jquery.com/mouseenter/)

Bind an event handler to be fired when the mouse enters an element, or trigger that handler on an element.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.mouseleave()](http://api.jquery.com/mouseleave/)

Bind an event handler to be fired when the mouse leaves an element, or trigger that handler on an element.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.mousemove()](http://api.jquery.com/mousemove/)

Bind an event handler to the “mousemove” JavaScript event, or trigger that event on an element.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.mouseout()](http://api.jquery.com/mouseout/)

Bind an event handler to the “mouseout” JavaScript event, or trigger that event on an element.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.mouseover()](http://api.jquery.com/mouseover/)

Bind an event handler to the “mouseover” JavaScript event, or trigger that event on an element.

[Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/)

# [.mouseup()](http://api.jquery.com/mouseup/)

Bind an event handler to the “mouseup” JavaScript event, or trigger that event on an element.

[Selectors](http://api.jquery.com/category/selectors/) > [Attribute](http://api.jquery.com/category/selectors/attribute-selectors/)

# [Multiple Attribute Selector [name=”value”][name2=”value2″]](http://api.jquery.com/multiple-attribute-selector/)

Matches elements that match all of the specified attribute filters.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic](http://api.jquery.com/category/selectors/basic-css-selectors/)

# [Multiple Selector (“selector1, selector2, selectorN”)](http://api.jquery.com/multiple-selector/)

Selects the combined results of all the specified selectors.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.next()](http://api.jquery.com/next/)

Get the immediately following sibling of each element in the set of matched elements. If a selector is provided, it retrieves the next sibling only if it matches that selector.

[Selectors](http://api.jquery.com/category/selectors/) > [Hierarchy](http://api.jquery.com/category/selectors/hierarchy-selectors/)

# [Next Adjacent Selector (“prev + next”)](http://api.jquery.com/next-adjacent-selector/)

Selects all next elements matching “next” that are immediately preceded by a sibling “prev”.

[Selectors](http://api.jquery.com/category/selectors/) > [Hierarchy](http://api.jquery.com/category/selectors/hierarchy-selectors/)

# [Next Siblings Selector (“prev ~ siblings”)](http://api.jquery.com/next-siblings-selector/)

Selects all sibling elements that follow after the “prev” element, have the same parent, and match the filtering “siblings” selector.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.nextAll()](http://api.jquery.com/nextAll/)

Get all following siblings of each element in the set of matched elements, optionally filtered by a selector.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.nextUntil()](http://api.jquery.com/nextUntil/)

Get all following siblings of each element up to but not including the element matched by the selector, DOM node, or jQuery object passed.

[Traversing](http://api.jquery.com/category/traversing/) > [Filtering](http://api.jquery.com/category/traversing/filtering/) | [Traversing](http://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](http://api.jquery.com/category/traversing/miscellaneous-traversal/)

# [.not()](http://api.jquery.com/not/)

Remove elements from the set of matched elements.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/)

# [:not() Selector](http://api.jquery.com/not-selector/)

Selects all elements that do not match the given selector.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:nth-child() Selector](http://api.jquery.com/nth-child-selector/)

Selects all elements that are the nth-child of their parent.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:nth-last-child() Selector](http://api.jquery.com/nth-last-child-selector/)

Selects all elements that are the nth-child of their parent, counting from the last element to the first.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:nth-last-of-type() Selector](http://api.jquery.com/nth-last-of-type-selector/)

Selects all the elements that are the nth-child of their parent in relation to siblings with the same element name, counting from the last element to the first.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:nth-of-type() Selector](http://api.jquery.com/nth-of-type-selector/)

Selects all elements that are the nth child of their parent in relation to siblings with the same element name.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:odd Selector](http://api.jquery.com/odd-selector/)

Selects odd elements, zero-indexed. See also even.

[Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/)

# [.off()](http://api.jquery.com/off/)

Remove an event handler.

[CSS](http://api.jquery.com/category/css/) | [Offset](http://api.jquery.com/category/offset/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.offset()](http://api.jquery.com/offset/)

Get the current coordinates of the first element, or set the coordinates of every element, in the set of matched elements, relative to the document.

[Offset](http://api.jquery.com/category/offset/) | [Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.offsetParent()](http://api.jquery.com/offsetParent/)

Get the closest ancestor element that is positioned.

[Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/)

# [.on()](http://api.jquery.com/on/)

Attach an event handler function for one or more events to the selected elements.

[Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/)

# [.one()](http://api.jquery.com/one/)

Attach a handler to an event for the elements. The handler is executed at most once per element per event type.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:only-child Selector](http://api.jquery.com/only-child-selector/)

Selects all elements that are the only child of their parent.

[Selectors](http://api.jquery.com/category/selectors/) > [Child Filter](http://api.jquery.com/category/selectors/child-filter-selectors/)

# [:only-of-type Selector](http://api.jquery.com/only-of-type-selector/)

Selects all elements that have no siblings with the same element name.

[CSS](http://api.jquery.com/category/css/) | [Dimensions](http://api.jquery.com/category/dimensions/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.outerHeight()](http://api.jquery.com/outerHeight/)

Get the current computed outer height (including padding, border, and optionally margin) for the first element in the set of matched elements or set the outer height of every matched element.

[CSS](http://api.jquery.com/category/css/) | [Dimensions](http://api.jquery.com/category/dimensions/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.outerWidth()](http://api.jquery.com/outerWidth/)

Get the current computed outer width (including padding, border, and optionally margin) for the first element in the set of matched elements or set the outer width of every matched element.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.parent()](http://api.jquery.com/parent/)

Get the parent of each element in the current set of matched elements, optionally filtered by a selector.

[Selectors](http://api.jquery.com/category/selectors/) > [Content Filter](http://api.jquery.com/category/selectors/content-filter-selector/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:parent Selector](http://api.jquery.com/parent-selector/)

Select all elements that have at least one child node (either an element or text).

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.parents()](http://api.jquery.com/parents/)

Get the ancestors of each element in the current set of matched elements, optionally filtered by a selector.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.parentsUntil()](http://api.jquery.com/parentsUntil/)

Get the ancestors of each element in the current set of matched elements, up to but not including the element matched by the selector, DOM node, or jQuery object.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:password Selector](http://api.jquery.com/password-selector/)

Selects all elements of type password.

[CSS](http://api.jquery.com/category/css/) | [Offset](http://api.jquery.com/category/offset/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.position()](http://api.jquery.com/position/)

Get the current coordinates of the first element in the set of matched elements, relative to the offset parent.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Inside](http://api.jquery.com/category/manipulation/dom-insertion-inside/)

# [.prepend()](http://api.jquery.com/prepend/)

Insert content, specified by the parameter, to the beginning of each element in the set of matched elements.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Inside](http://api.jquery.com/category/manipulation/dom-insertion-inside/)

# [.prependTo()](http://api.jquery.com/prependTo/)

Insert every element in the set of matched elements to the beginning of the target.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.prev()](http://api.jquery.com/prev/)

Get the immediately preceding sibling of each element in the set of matched elements. If a selector is provided, it retrieves the previous sibling only if it matches that selector.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.prevAll()](http://api.jquery.com/prevAll/)

Get all preceding siblings of each element in the set of matched elements, optionally filtered by a selector.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.prevUntil()](http://api.jquery.com/prevUntil/)

Get all preceding siblings of each element up to but not including the element matched by the selector, DOM node, or jQuery object.

[Deferred Object](http://api.jquery.com/category/deferred-object/)

# [.promise()](http://api.jquery.com/promise/)

Return a Promise object to observe when all actions of a certain type bound to the collection, queued or not, have finished.

[Attributes](http://api.jquery.com/category/attributes/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [General Attributes](http://api.jquery.com/category/manipulation/general-attributes/)

# [.prop()](http://api.jquery.com/prop/)

Get the value of a property for the first element in the set of matched elements or set one or more properties for every matched element.

[Internals](http://api.jquery.com/category/internals/)

# [.pushStack()](http://api.jquery.com/pushStack/)

Add a collection of DOM elements onto the jQuery stack.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/) | [Data](http://api.jquery.com/category/data/) | [Utilities](http://api.jquery.com/category/utilities/)

# [.queue()](http://api.jquery.com/queue/)

Show or manipulate the queue of functions to be executed on the matched elements.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:radio Selector](http://api.jquery.com/radio-selector/)

Selects all elements of type radio.

[Events](http://api.jquery.com/category/events/) > [Document Loading](http://api.jquery.com/category/events/document-loading/)

# [.ready()](http://api.jquery.com/ready/)

Specify a function to execute when the DOM is fully loaded.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Removal](http://api.jquery.com/category/manipulation/dom-removal/)

# [.remove()](http://api.jquery.com/remove/)

Remove the set of matched elements from the DOM.

[Attributes](http://api.jquery.com/category/attributes/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [General Attributes](http://api.jquery.com/category/manipulation/general-attributes/)

# [.removeAttr()](http://api.jquery.com/removeAttr/)

Remove an attribute from each element in the set of matched elements.

[Attributes](http://api.jquery.com/category/attributes/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Class Attribute](http://api.jquery.com/category/manipulation/class-attribute/) | [CSS](http://api.jquery.com/category/css/)

# [.removeClass()](http://api.jquery.com/removeClass/)

Remove a single class, multiple classes, or all classes from each element in the set of matched elements.

[Data](http://api.jquery.com/category/data/) | [Miscellaneous](http://api.jquery.com/category/miscellaneous/) > [Data Storage](http://api.jquery.com/category/miscellaneous/data-storage/)

# [.removeData()](http://api.jquery.com/removeData/)

Remove a previously-stored piece of data.

[Attributes](http://api.jquery.com/category/attributes/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [General Attributes](http://api.jquery.com/category/manipulation/general-attributes/)

# [.removeProp()](http://api.jquery.com/removeProp/)

Remove a property for the set of matched elements.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Replacement](http://api.jquery.com/category/manipulation/dom-replacement/)

# [.replaceAll()](http://api.jquery.com/replaceAll/)

Replace each target element with the set of matched elements.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Replacement](http://api.jquery.com/category/manipulation/dom-replacement/)

# [.replaceWith()](http://api.jquery.com/replaceWith/)

Replace each element in the set of matched elements with the provided new content and return the set of elements that was removed.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:reset Selector](http://api.jquery.com/reset-selector/)

Selects all elements of type reset.

[Events](http://api.jquery.com/category/events/) > [Browser Events](http://api.jquery.com/category/events/browser-events/)

# [.resize()](http://api.jquery.com/resize/)

Bind an event handler to the “resize” JavaScript event, or trigger that event on an element.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/)

# [:root Selector](http://api.jquery.com/root-selector/)

Selects the element that is the root of the document.

[Events](http://api.jquery.com/category/events/) > [Browser Events](http://api.jquery.com/category/events/browser-events/)

# [.scroll()](http://api.jquery.com/scroll/)

Bind an event handler to the “scroll” JavaScript event, or trigger that event on an element.

[CSS](http://api.jquery.com/category/css/) | [Offset](http://api.jquery.com/category/offset/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.scrollLeft()](http://api.jquery.com/scrollLeft/)

Get the current horizontal position of the scroll bar for the first element in the set of matched elements or set the horizontal position of the scroll bar for every matched element.

[CSS](http://api.jquery.com/category/css/) | [Offset](http://api.jquery.com/category/offset/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.scrollTop()](http://api.jquery.com/scrollTop/)

Get the current vertical position of the scroll bar for the first element in the set of matched elements or set the vertical position of the scroll bar for every matched element.

[Events](http://api.jquery.com/category/events/) > [Form Events](http://api.jquery.com/category/events/form-events/) | [Forms](http://api.jquery.com/category/forms/)

# [.select()](http://api.jquery.com/select/)

Bind an event handler to the “select” JavaScript event, or trigger that event on an element.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:selected Selector](http://api.jquery.com/selected-selector/)

Selects all elements that are selected.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.7](http://api.jquery.com/category/deprecated/deprecated-1.7/) | [Internals](http://api.jquery.com/category/internals/) | [Properties](http://api.jquery.com/category/properties/) > [Properties of jQuery Object Instances](http://api.jquery.com/category/properties/jquery-object-instance-properties/) | [Removed](http://api.jquery.com/category/removed/)

# [.selector](http://api.jquery.com/selector/)

A selector representing selector passed to jQuery(), if any, when creating the original set.

[Forms](http://api.jquery.com/category/forms/) | [Ajax](http://api.jquery.com/category/ajax/) > [Helper Functions](http://api.jquery.com/category/ajax/helper-functions/)

# [.serialize()](http://api.jquery.com/serialize/)

Encode a set of form elements as a string for submission.

[Forms](http://api.jquery.com/category/forms/) | [Ajax](http://api.jquery.com/category/ajax/) > [Helper Functions](http://api.jquery.com/category/ajax/helper-functions/)

# [.serializeArray()](http://api.jquery.com/serializeArray/)

Encode a set of form elements as an array of names and values.

[Effects](http://api.jquery.com/category/effects/) > [Basics](http://api.jquery.com/category/effects/basics/)

# [.show()](http://api.jquery.com/show/)

Display the matched elements.

[Traversing](http://api.jquery.com/category/traversing/) > [Tree Traversal](http://api.jquery.com/category/traversing/tree-traversal/)

# [.siblings()](http://api.jquery.com/siblings/)

Get the siblings of each element in the set of matched elements, optionally filtered by a selector.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.8](http://api.jquery.com/category/deprecated/deprecated-1.8/) | [Miscellaneous](http://api.jquery.com/category/miscellaneous/) > [DOM Element Methods](http://api.jquery.com/category/miscellaneous/dom-element-methods/) | [Removed](http://api.jquery.com/category/removed/)

# [.size()](http://api.jquery.com/size/)

Return the number of elements in the jQuery object.

[Traversing](http://api.jquery.com/category/traversing/) > [Filtering](http://api.jquery.com/category/traversing/filtering/)

# [.slice()](http://api.jquery.com/slice/)

Reduce the set of matched elements to a subset specified by a range of indices.

[Effects](http://api.jquery.com/category/effects/) > [Sliding](http://api.jquery.com/category/effects/sliding/)

# [.slideDown()](http://api.jquery.com/slideDown/)

Display the matched elements with a sliding motion.

[Effects](http://api.jquery.com/category/effects/) > [Sliding](http://api.jquery.com/category/effects/sliding/)

# [.slideToggle()](http://api.jquery.com/slideToggle/)

Display or hide the matched elements with a sliding motion.

[Effects](http://api.jquery.com/category/effects/) > [Sliding](http://api.jquery.com/category/effects/sliding/)

# [.slideUp()](http://api.jquery.com/slideUp/)

Hide the matched elements with a sliding motion.

[Effects](http://api.jquery.com/category/effects/) > [Custom](http://api.jquery.com/category/effects/custom-effects/)

# [.stop()](http://api.jquery.com/stop/)

Stop the currently-running animation on the matched elements.

[Events](http://api.jquery.com/category/events/) > [Form Events](http://api.jquery.com/category/events/form-events/) | [Forms](http://api.jquery.com/category/forms/)

# [.submit()](http://api.jquery.com/submit/)

Bind an event handler to the “submit” JavaScript event, or trigger that event on an element.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:submit Selector](http://api.jquery.com/submit-selector/)

Selects all elements of type submit.

[Selectors](http://api.jquery.com/category/selectors/) > [Basic Filter](http://api.jquery.com/category/selectors/basic-filter-selectors/)

# [:target Selector](http://api.jquery.com/target-selector/)

Selects the target element indicated by the fragment identifier of the document’s URI.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Inside](http://api.jquery.com/category/manipulation/dom-insertion-inside/)

# [.text()](http://api.jquery.com/text/)

Get the combined text contents of each element in the set of matched elements, including their descendants, or set the text contents of the matched elements.

[Selectors](http://api.jquery.com/category/selectors/) > [Form](http://api.jquery.com/category/selectors/form-selectors/) | [Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/)

# [:text Selector](http://api.jquery.com/text-selector/)

Selects all input elements of type text.

[Miscellaneous](http://api.jquery.com/category/miscellaneous/) > [DOM Element Methods](http://api.jquery.com/category/miscellaneous/dom-element-methods/)

# [.toArray()](http://api.jquery.com/toArray/)

Retrieve all the elements contained in the jQuery set, as an array.

[Effects](http://api.jquery.com/category/effects/) > [Basics](http://api.jquery.com/category/effects/basics/)

# [.toggle()](http://api.jquery.com/toggle/)

Display or hide the matched elements.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.8](http://api.jquery.com/category/deprecated/deprecated-1.8/) | [Events](http://api.jquery.com/category/events/) > [Mouse Events](http://api.jquery.com/category/events/mouse-events/) | [Removed](http://api.jquery.com/category/removed/)

# [.toggle()](http://api.jquery.com/toggle-event/)

Bind two or more handlers to the matched elements, to be executed on alternate clicks.

[Attributes](http://api.jquery.com/category/attributes/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Class Attribute](http://api.jquery.com/category/manipulation/class-attribute/) | [CSS](http://api.jquery.com/category/css/)

# [.toggleClass()](http://api.jquery.com/toggleClass/)

Add or remove one or more classes from each element in the set of matched elements, depending on either the class’s presence or the value of the state argument.

[Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/)

# [.trigger()](http://api.jquery.com/trigger/)

Execute all handlers and behaviors attached to the matched elements for the given event type.

[Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/)

# [.triggerHandler()](http://api.jquery.com/triggerHandler/)

Execute all handlers attached to an element for an event.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 3.0](http://api.jquery.com/category/deprecated/deprecated-3.0/) | [Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/)

# [.unbind()](http://api.jquery.com/unbind/)

Remove a previously-attached event handler from the elements.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 3.0](http://api.jquery.com/category/deprecated/deprecated-3.0/) | [Events](http://api.jquery.com/category/events/) > [Event Handler Attachment](http://api.jquery.com/category/events/event-handler-attachment/)

# [.undelegate()](http://api.jquery.com/undelegate/)

Remove a handler from the event for all elements which match the current selector, based upon a specific set of root elements.

[Deprecated](http://api.jquery.com/category/deprecated/) > [Deprecated 1.8](http://api.jquery.com/category/deprecated/deprecated-1.8/) | [Events](http://api.jquery.com/category/events/) > [Document Loading](http://api.jquery.com/category/events/document-loading/) | [Removed](http://api.jquery.com/category/removed/)

# [.unload()](http://api.jquery.com/unload/)

Bind an event handler to the “unload” JavaScript event.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Around](http://api.jquery.com/category/manipulation/dom-insertion-around/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Removal](http://api.jquery.com/category/manipulation/dom-removal/)

# [.unwrap()](http://api.jquery.com/unwrap/)

Remove the parents of the set of matched elements from the DOM, leaving the matched elements in their place.

[Attributes](http://api.jquery.com/category/attributes/) | [Forms](http://api.jquery.com/category/forms/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [General Attributes](http://api.jquery.com/category/manipulation/general-attributes/)

# [.val()](http://api.jquery.com/val/)

Get the current value of the first element in the set of matched elements or set the value of every matched element.

[Selectors](http://api.jquery.com/category/selectors/) > [jQuery Extensions](http://api.jquery.com/category/selectors/jquery-selector-extensions/) | [Selectors](http://api.jquery.com/category/selectors/) > [Visibility Filter](http://api.jquery.com/category/selectors/visibility-filter-selectors/)

# [:visible Selector](http://api.jquery.com/visible-selector/)

Selects all elements that are visible.

[CSS](http://api.jquery.com/category/css/) | [Dimensions](http://api.jquery.com/category/dimensions/) | [Manipulation](http://api.jquery.com/category/manipulation/) > [Style Properties](http://api.jquery.com/category/manipulation/style-properties/)

# [.width()](http://api.jquery.com/width/)

Get the current computed width for the first element in the set of matched elements or set the width of every matched element.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Around](http://api.jquery.com/category/manipulation/dom-insertion-around/)

# [.wrap()](http://api.jquery.com/wrap/)

Wrap an HTML structure around each element in the set of matched elements.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Around](http://api.jquery.com/category/manipulation/dom-insertion-around/)

# [.wrapAll()](http://api.jquery.com/wrapAll/)

Wrap an HTML structure around all elements in the set of matched elements.

[Manipulation](http://api.jquery.com/category/manipulation/) > [DOM Insertion, Around](http://api.jquery.com/category/manipulation/dom-insertion-around/)

# [.wrapInner()](http://api.jquery.com/wrapInner/)

Wrap an HTML structure around the content of each element in the set of matched elements.

JavaScript: The Definitive Guide

<https://github.com/LenguajeJulia/Julia-Tutorial-2/blob/master/%E5%A5%BD%E4%B9%A6/Oreilly.JavaScript.The.Definitive.Guide.6th.Edition.Apr.2011.pdf>

# Learning JavaScript Design Patterns - https://addyosmani.com/resources/essentialjsdesignpatterns/book/