jQuery Selectors

Use our [jQuery Selector Tester](https://www.w3schools.com/jquery/trysel.asp" \t "_blank) to demonstrate the different selectors.

|  |  |  |
| --- | --- | --- |
| **Selector** | **Example** | **Selects** |
| [\*](https://www.w3schools.com/jquery/sel_all.asp) | $("\*") | All elements |
| [#](https://www.w3schools.com/jquery/sel_id.asp)*[id](https://www.w3schools.com/jquery/sel_id.asp)* | $("#lastname") | The element with id="lastname" |
| [.](https://www.w3schools.com/jquery/sel_class.asp)*[class](https://www.w3schools.com/jquery/sel_class.asp)* | $(".intro") | All elements with class="intro" |
| [.](https://www.w3schools.com/jquery/sel_multiple_classes.asp)*[class,](https://www.w3schools.com/jquery/sel_multiple_classes.asp)*[.](https://www.w3schools.com/jquery/sel_multiple_classes.asp)*[class](https://www.w3schools.com/jquery/sel_multiple_classes.asp)* | $(".intro,.demo") | All elements with the class "intro" or "demo" |
| *[element](https://www.w3schools.com/jquery/sel_element.asp)* | $("p") | All <p> elements |
| *[el1](https://www.w3schools.com/jquery/sel_multiple_sel.asp)*[,](https://www.w3schools.com/jquery/sel_multiple_sel.asp)*[el2](https://www.w3schools.com/jquery/sel_multiple_sel.asp)*[,](https://www.w3schools.com/jquery/sel_multiple_sel.asp)*[el3](https://www.w3schools.com/jquery/sel_multiple_sel.asp)* | $("h1,div,p") | All <h1>, <div> and <p> elements |
|  |  |  |
| [:first](https://www.w3schools.com/jquery/sel_first.asp) | $("p:first") | The first <p> element |
| [:last](https://www.w3schools.com/jquery/sel_last.asp) | $("p:last") | The last <p> element |
| [:even](https://www.w3schools.com/jquery/sel_even.asp) | $("tr:even") | All even <tr> elements |
| [:odd](https://www.w3schools.com/jquery/sel_odd.asp) | $("tr:odd") | All odd <tr> elements |
|  |  |  |
| [:first-child](https://www.w3schools.com/jquery/sel_firstchild.asp) | $("p:first-child") | All <p> elements that are the first child of their parent |
| [:first-of-type](https://www.w3schools.com/jquery/sel_firstoftype.asp) | $("p:first-of-type") | All <p> elements that are the first <p> element of their parent |
| [:last-child](https://www.w3schools.com/jquery/sel_lastchild.asp) | $("p:last-child") | All <p> elements that are the last child of their parent |
| [:last-of-type](https://www.w3schools.com/jquery/sel_lastoftype.asp) | $("p:last-of-type") | All <p> elements that are the last <p> element of their parent |
| [:nth-child(](https://www.w3schools.com/jquery/sel_nthchild.asp)*[n](https://www.w3schools.com/jquery/sel_nthchild.asp)*[)](https://www.w3schools.com/jquery/sel_nthchild.asp) | $("p:nth-child(2)") | All <p> elements that are the 2nd child of their parent |
| [:nth-last-child(](https://www.w3schools.com/jquery/sel_nthlastchild.asp)*[n](https://www.w3schools.com/jquery/sel_nthlastchild.asp)*[)](https://www.w3schools.com/jquery/sel_nthlastchild.asp) | $("p:nth-last-child(2)") | All <p> elements that are the 2nd child of their parent, counting from the last child |
| [:nth-of-type(](https://www.w3schools.com/jquery/sel_nthoftype.asp)*[n](https://www.w3schools.com/jquery/sel_nthoftype.asp)*[)](https://www.w3schools.com/jquery/sel_nthoftype.asp) | $("p:nth-of-type(2)") | All <p> elements that are the 2nd <p> element of their parent |
| [:nth-last-of-type(](https://www.w3schools.com/jquery/sel_nthlastoftype.asp)*[n](https://www.w3schools.com/jquery/sel_nthlastoftype.asp)*[)](https://www.w3schools.com/jquery/sel_nthlastoftype.asp) | $("p:nth-last-of-type(2)") | All <p> elements that are the 2nd <p> element of their parent, counting from the last child |
| [:only-child](https://www.w3schools.com/jquery/sel_onlychild.asp) | $("p:only-child") | All <p> elements that are the only child of their parent |
| [:only-of-type](https://www.w3schools.com/jquery/sel_onlyoftype.asp) | $("p:only-of-type") | All <p> elements that are the only child, of its type, of their parent |
|  |  |  |
| [parent > child](https://www.w3schools.com/jquery/sel_parent_child.asp) | $("div > p") | All <p> elements that are a direct child of a <div> element |
| [parent descendant](https://www.w3schools.com/jquery/sel_parent_descendant.asp) | $("div p") | All <p> elements that are descendants of a <div> element |
| [element + next](https://www.w3schools.com/jquery/sel_previous_next.asp) | $("div + p") | The <p> element that are next to each <div> elements |
| [element ~ siblings](https://www.w3schools.com/jquery/sel_previous_siblings.asp) | $("div ~ p") | All <p> elements that appear after the <div> element |
|  |  |  |
| [:eq(](https://www.w3schools.com/jquery/sel_eq.asp)*[index](https://www.w3schools.com/jquery/sel_eq.asp)*[)](https://www.w3schools.com/jquery/sel_eq.asp) | $("ul li:eq(3)") | The fourth element in a list (index starts at 0) |
| [:gt(](https://www.w3schools.com/jquery/sel_gt.asp)*[no](https://www.w3schools.com/jquery/sel_gt.asp)*[)](https://www.w3schools.com/jquery/sel_gt.asp) | $("ul li:gt(3)") | List elements with an index greater than 3 |
| [:lt(](https://www.w3schools.com/jquery/sel_lt.asp)*[no](https://www.w3schools.com/jquery/sel_lt.asp)*[)](https://www.w3schools.com/jquery/sel_lt.asp) | $("ul li:lt(3)") | List elements with an index less than 3 |
| [:not(](https://www.w3schools.com/jquery/sel_not.asp)*[selector](https://www.w3schools.com/jquery/sel_not.asp)*[)](https://www.w3schools.com/jquery/sel_not.asp) | $("input:not(:empty)") | All input elements that are not empty |
|  |  |  |
| [:header](https://www.w3schools.com/jquery/sel_header.asp) | $(":header") | All header elements <h1>, <h2> ... |
| [:animated](https://www.w3schools.com/jquery/sel_animated.asp) | $(":animated") | All animated elements |
| [:focus](https://www.w3schools.com/jquery/sel_focus.asp) | $(":focus") | The element that currently has focus |
| [:contains(](https://www.w3schools.com/jquery/sel_contains.asp)*[text](https://www.w3schools.com/jquery/sel_contains.asp)*[)](https://www.w3schools.com/jquery/sel_contains.asp) | $(":contains('Hello')") | All elements which contains the text "Hello" |
| [:has(](https://www.w3schools.com/jquery/sel_has.asp)*[selector](https://www.w3schools.com/jquery/sel_has.asp)*[)](https://www.w3schools.com/jquery/sel_has.asp) | $("div:has(p)") | All <div> elements that have a <p> element |
| [:empty](https://www.w3schools.com/jquery/sel_empty.asp) | $(":empty") | All elements that are empty |
| [:parent](https://www.w3schools.com/jquery/sel_parent.asp) | $(":parent") | All elements that are a parent of another element |
| [:hidden](https://www.w3schools.com/jquery/sel_hidden.asp) | $("p:hidden") | All hidden <p> elements |
| [:visible](https://www.w3schools.com/jquery/sel_visible.asp) | $("table:visible") | All visible tables |
| [:root](https://www.w3schools.com/jquery/sel_root.asp) | $(":root") | The document's root element |
| [:lang(](https://www.w3schools.com/jquery/sel_lang.asp)*[language](https://www.w3schools.com/jquery/sel_lang.asp)*[)](https://www.w3schools.com/jquery/sel_lang.asp) | $("p:lang(de)") | All <p> elements with a lang attribute value starting with "de" |
|  |  |  |
| [[](https://www.w3schools.com/jquery/sel_attribute.asp)*[attribute](https://www.w3schools.com/jquery/sel_attribute.asp)*[]](https://www.w3schools.com/jquery/sel_attribute.asp) | $("[href]") | All elements with a href attribute |
| [[](https://www.w3schools.com/jquery/sel_attribute_equal_value.asp)*[attribute](https://www.w3schools.com/jquery/sel_attribute_equal_value.asp)*[=](https://www.w3schools.com/jquery/sel_attribute_equal_value.asp)*[value](https://www.w3schools.com/jquery/sel_attribute_equal_value.asp)*[]](https://www.w3schools.com/jquery/sel_attribute_equal_value.asp) | $("[href='default.htm']") | All elements with a href attribute value equal to "default.htm" |
| [[](https://www.w3schools.com/jquery/sel_attribute_notequal_value.asp)*[attribute](https://www.w3schools.com/jquery/sel_attribute_notequal_value.asp)*[!=](https://www.w3schools.com/jquery/sel_attribute_notequal_value.asp)*[value](https://www.w3schools.com/jquery/sel_attribute_notequal_value.asp)*[]](https://www.w3schools.com/jquery/sel_attribute_notequal_value.asp) | $("[href!='default.htm']") | All elements with a href attribute value not equal to "default.htm" |
| [[](https://www.w3schools.com/jquery/sel_attribute_end_value.asp)*[attribute](https://www.w3schools.com/jquery/sel_attribute_end_value.asp)*[$=](https://www.w3schools.com/jquery/sel_attribute_end_value.asp)*[value](https://www.w3schools.com/jquery/sel_attribute_end_value.asp)*[]](https://www.w3schools.com/jquery/sel_attribute_end_value.asp) | $("[href$='.jpg']") | All elements with a href attribute value ending with ".jpg" |
| [[](https://www.w3schools.com/jquery/sel_attribute_prefix_value.asp)*[attribute](https://www.w3schools.com/jquery/sel_attribute_prefix_value.asp)*[|=](https://www.w3schools.com/jquery/sel_attribute_prefix_value.asp)*[value](https://www.w3schools.com/jquery/sel_attribute_prefix_value.asp)*[]](https://www.w3schools.com/jquery/sel_attribute_prefix_value.asp) | $("[title|='Tomorrow']") | All elements with a title attribute value equal to 'Tomorrow', or starting with 'Tomorrow' followed by a hyphen |
| [[](https://www.w3schools.com/jquery/sel_attribute_beginning_value.asp)*[attribute](https://www.w3schools.com/jquery/sel_attribute_beginning_value.asp)*[^=](https://www.w3schools.com/jquery/sel_attribute_beginning_value.asp)*[value](https://www.w3schools.com/jquery/sel_attribute_beginning_value.asp)*[]](https://www.w3schools.com/jquery/sel_attribute_beginning_value.asp) | $("[title^='Tom']") | All elements with a title attribute value starting with "Tom" |
| [[](https://www.w3schools.com/jquery/sel_attribute_contains_value.asp)*[attribute](https://www.w3schools.com/jquery/sel_attribute_contains_value.asp)*[~=](https://www.w3schools.com/jquery/sel_attribute_contains_value.asp)*[value](https://www.w3schools.com/jquery/sel_attribute_contains_value.asp)*[]](https://www.w3schools.com/jquery/sel_attribute_contains_value.asp) | $("[title~='hello']") | All elements with a title attribute value containing the specific word "hello" |
| [[](https://www.w3schools.com/jquery/sel_attribute_contains_string_value.asp)*[attribute\*](https://www.w3schools.com/jquery/sel_attribute_contains_string_value.asp)*[=](https://www.w3schools.com/jquery/sel_attribute_contains_string_value.asp)*[value](https://www.w3schools.com/jquery/sel_attribute_contains_string_value.asp)*[]](https://www.w3schools.com/jquery/sel_attribute_contains_string_value.asp) | $("[title\*='hello']") | All elements with a title attribute value containing the word "hello" |
|  |  |  |
| [:input](https://www.w3schools.com/jquery/sel_input.asp) | $(":input") | All input elements |
| [:text](https://www.w3schools.com/jquery/sel_input_text.asp) | $(":text") | All input elements with type="text" |
| [:password](https://www.w3schools.com/jquery/sel_input_password.asp) | $(":password") | All input elements with type="password" |
| [:radio](https://www.w3schools.com/jquery/sel_input_radio.asp) | $(":radio") | All input elements with type="radio" |
| [:checkbox](https://www.w3schools.com/jquery/sel_input_checkbox.asp) | $(":checkbox") | All input elements with type="checkbox" |
| [:submit](https://www.w3schools.com/jquery/sel_input_submit.asp) | $(":submit") | All input elements with type="submit" |
| [:reset](https://www.w3schools.com/jquery/sel_input_reset.asp) | $(":reset") | All input elements with type="reset" |
| [:button](https://www.w3schools.com/jquery/sel_input_button.asp) | $(":button") | All input elements with type="button" |
| [:image](https://www.w3schools.com/jquery/sel_input_image.asp) | $(":image") | All input elements with type="image" |
| [:file](https://www.w3schools.com/jquery/sel_input_file.asp) | $(":file") | All input elements with type="file" |
| [:enabled](https://www.w3schools.com/jquery/sel_input_enabled.asp) | $(":enabled") | All enabled input elements |
| [:disabled](https://www.w3schools.com/jquery/sel_input_disabled.asp) | $(":disabled") | All disabled input elements |
| [:selected](https://www.w3schools.com/jquery/sel_input_selected.asp) | $(":selected") | All selected input elements |
| [:checked](https://www.w3schools.com/jquery/sel_input_checked.asp) | $(":checked") | All checked input elements |

jQuery Events

jQuery events are the actions that can be detected by your web application. They are used to create dynamic web pages. An event shows the exact moment when something happens.

These are some examples of events.

* A mouse click
* An HTML form submission
* A web page loading
* A keystroke on the keyboard
* Scrolling of the web page etc.

These events can be categorized on the basis their types:

Mouse Events

* click
* dblclick
* mouseenter
* mouseleave

Keyboard Events

* keyup
* keydown
* keypress

Form Events

* submit
* change
* blur
* focus

Document/Window Events

* load
* unload
* scroll
* resize

jQuery click()

When you click on an element, the click event occurs and once the click event occurs it execute the click () method or attaches a function to run.

It is generally used together with other events of jQuery.

Syntax:

$(selector).click()

* 1. Let's take an example to demonstrate jQuery click() event.

<!DOCTYPE html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js"></script>

<script>

$(document).ready(function(){

$("p").click(function(){

alert("This paragraph was clicked.");

});

});

</script>

</head>

<body>

<p>Click on the statement.</p>

</body>

</html>

* 1. Let's take an example to demonstrate the jquery click() event. In this example, when you click on the heading element, it will hide the current heading.

<!DOCTYPE html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js"></script>

<script>

$(document).ready(function(){

$("h1,h2,h3").click(function(){

$(this).hide();

});

});

</script>

</head>

<body>

<h1>This heading will disappear if you click on this.</h1>

<h2>I will also disappear.</h2>

<h3>Me too.</h3>

</body>

</html>

<https://www.javatpoint.com/jquery-click>