|  |  |  |
| --- | --- | --- |
| **Selector** | **Example** | **Selects** |
| [\*](https://www.w3schools.com/jquery/sel_all.asp) | $("\*") | All elements |
| [#*id*](https://www.w3schools.com/jquery/sel_id.asp) | $("#lastname") | The element with id="lastname" |
| [.*class*](https://www.w3schools.com/jquery/sel_class.asp) | $(".intro") | All elements with class="intro" |
| [.*class,*.*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*,*el2*,*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(*n*)](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(*n*)](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(*n*)](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(*n*)](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 are siblings of a <div>  element |
|  |  |  |
| [:eq(*index*)](https://www.w3schools.com/jquery/sel_eq.asp) | $("ul li:eq(3)") | The fourth element in a list (index starts at 0) |
| [:gt(*no*)](https://www.w3schools.com/jquery/sel_gt.asp) | $("ul li:gt(3)") | List elements with an index greater than 3 |
| [:lt(*no*)](https://www.w3schools.com/jquery/sel_lt.asp) | $("ul li:lt(3)") | List elements with an index less than 3 |
| [:not(*selector*)](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(*text*)](https://www.w3schools.com/jquery/sel_contains.asp) | $(":contains('Hello')") | All elements which contains the text "Hello" |
| [:has(*selector*)](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(*language*)](https://www.w3schools.com/jquery/sel_lang.asp) | $("p:lang(de)") | All <p> elements with a lang attribute value starting with "de" |
|  |  |  |
| [[*attribute*]](https://www.w3schools.com/jquery/sel_attribute.asp) | $("[href]") | All elements with a href attribute |
| [[*attribute*=*value*]](https://www.w3schools.com/jquery/sel_attribute_equal_value.asp) | $("[href='default.htm']") | All elements with a href attribute value equal to "default.htm" |
| [[*attribute*!=*value*]](https://www.w3schools.com/jquery/sel_attribute_notequal_value.asp) | $("[href!='default.htm']") | All elements with a href attribute value not equal to "default.htm" |
| [[*attribute*$=*value*]](https://www.w3schools.com/jquery/sel_attribute_end_value.asp) | $("[href$='.jpg']") | All elements with a href attribute value ending with ".jpg" |
| [[*attribute*|=*value*]](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 |
| [[*attribute*^=*value*]](https://www.w3schools.com/jquery/sel_attribute_beginning_value.asp) | $("[title^='Tom']") | All elements with a title attribute value starting with "Tom" |
| [[*attribute*~=*value*]](https://www.w3schools.com/jquery/sel_attribute_contains_value.asp) | $("[title~='hello']") | All elements with a title attribute value containing the specific word "hello" |
| [[*attribute\**=*value*]](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 |

|  |  |
| --- | --- |
| **Method** | **Description** |
| [add()](https://www.w3schools.com/jquery/traversing_add.asp) | Adds elements to the set of matched elements |
| addBack() | Adds the previous set of elements to the current set |
| andSelf() | Deprecated in version 1.8. An alias for addBack() |
| [children()](https://www.w3schools.com/jquery/traversing_children.asp) | Returns all direct children of the selected element |
| [closest()](https://www.w3schools.com/jquery/traversing_closest.asp) | Returns the first ancestor of the selected element |
| [contents()](https://www.w3schools.com/jquery/traversing_contents.asp) | Returns all direct children of the selected element (including text and  comment nodes) |
| [each()](https://www.w3schools.com/jquery/traversing_each.asp) | Executes a function for each matched element |
| end() | Ends the most recent filtering operation in the current chain, and return the  set of matched elements to its previous state |
| [eq()](https://www.w3schools.com/jquery/traversing_eq.asp) | Returns an element with a specific index number of the selected elements |
| [filter()](https://www.w3schools.com/jquery/traversing_filter.asp) | Reduce the set of matched elements to those that match the selector or  pass the function's test |
| [find()](https://www.w3schools.com/jquery/traversing_find.asp) | Returns descendant elements of the selected element |
| [first()](https://www.w3schools.com/jquery/traversing_first.asp) | Returns the first element of the selected elements |
| [has()](https://www.w3schools.com/jquery/traversing_has.asp) | Returns all elements that have one or more elements inside of them |
| [is()](https://www.w3schools.com/jquery/traversing_is.asp) | Checks the set of matched elements against a selector/element/jQuery  object, and return true if at least one of these elements matches the given  arguments |
| [last()](https://www.w3schools.com/jquery/traversing_last.asp) | Returns the last element of the selected elements |
| map() | Passes each element in the matched set through a function, producing a new jQuery object containing the return values |
| [next()](https://www.w3schools.com/jquery/traversing_next.asp) | Returns the next sibling element of the selected element |
| [nextAll()](https://www.w3schools.com/jquery/traversing_nextall.asp) | Returns all next sibling elements of the selected element |
| [nextUntil()](https://www.w3schools.com/jquery/traversing_nextuntil.asp) | Returns all next sibling elements between two given arguments |
| [not()](https://www.w3schools.com/jquery/traversing_not.asp) | Remove elements from the set of matched elements |
| [offsetParent()](https://www.w3schools.com/jquery/traversing_offsetparent.asp) | Returns the first positioned parent element |
| [parent()](https://www.w3schools.com/jquery/traversing_parent.asp) | Returns the direct parent element of the selected element |
| [parents()](https://www.w3schools.com/jquery/traversing_parents.asp) | Returns all ancestor elements of the selected element |
| [parentsUntil()](https://www.w3schools.com/jquery/traversing_parentsuntil.asp) | Returns all ancestor elements between two given arguments |
| [prev()](https://www.w3schools.com/jquery/traversing_prev.asp) | Returns the previous sibling element of the selected element |
| [prevAll()](https://www.w3schools.com/jquery/traversing_prevall.asp) | Returns all previous sibling elements of the selected element |
| [prevUntil()](https://www.w3schools.com/jquery/traversing_prevuntil.asp) | Returns all previous sibling elements between two given arguments |
| [siblings()](https://www.w3schools.com/jquery/traversing_siblings.asp) | Returns all sibling elements of the selected element |
| [slice()](https://www.w3schools.com/jquery/traversing_slice.asp) | Reduces the set of matched elements to a subset specified by a range of  indices |

More Examples of jQuery Selectors

$("\*") Selects all elements

$(this) Selects the current HTML element

$("p.intro") Selects all <p> elements with class="intro"

$("p:first") Selects the first <p> element

$("ul li:first") Selects the first <li> element of the first <ul>

$("ul li:first-child") Selects the first <li> element of every <ul>

$("[href]") Selects all elements with an href attribute

$("a[target='\_blank']") Selects all <a> elements with a target attribute value equal to "\_blank"

$("a[target!='\_blank']") Selects all <a> elements with a target attribute value NOT equal to "\_blank"

$(":button") Selects all <button> elements and <input> elements of type="button"

$("tr:even") Selects all even <tr> elements

$("tr:odd") Selects all odd <tr> elements

Traversing Down the DOM Tree

Two useful jQuery methods for traversing down the DOM tree are:

children()

find()

Traversing Sideways in The DOM Tree

There are many useful jQuery methods for traversing sideways in the DOM tree:

siblings()

next()

nextAll()

nextUntil()

prev()

prevAll()

prevUntil()

jQuery Traversing - Filtering

The first(), last(), eq(), filter() and not() Methods

The most basic filtering methods are first(), last() and eq(), which allow you to select a specific element based on its position in a group of elements.

Other filtering methods, like filter() and not() allow you to select elements that match, or do not match, a certain criteria.

jQuery Traversing Methods

The jQuery noConflict() Method

The noConflict() method releases the hold on the $ shortcut identifier, so that other scripts can use it.

You can of course still use jQuery, simply by writing the full name instead of the shortcut:

Example

$.noConflict();

jQuery(document).ready(function(){

jQuery("button").click(function(){

jQuery("p").text("jQuery is still working!");

});

});