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| **Selector** | **Example** | **Example description** | **CSS** |
| [.*class*](http://www.w3schools.com/cssref/sel_class.asp) | .intro | Selects all elements with class="intro" | 1 |
| [#*id*](http://www.w3schools.com/cssref/sel_id.asp) | #firstname | Selects the element with id="firstname" | 1 |
| [\*](http://www.w3schools.com/cssref/sel_all.asp) | \* | Selects all elements | 2 |
| [*element*](http://www.w3schools.com/cssref/sel_element.asp) | p | Selects all <p> elements | 1 |
| [*element,element*](http://www.w3schools.com/cssref/sel_element_comma.asp) | div, p | Selects all <div> elements and all <p> elements | 1 |
| [*element* *element*](http://www.w3schools.com/cssref/sel_element_element.asp) | div p | Selects all <p> elements inside <div> elements | 1 |
| [*element*>*element*](http://www.w3schools.com/cssref/sel_element_gt.asp) | div > p | Selects all <p> elements where the parent is a <div> element | 2 |
| [*element*+*element*](http://www.w3schools.com/cssref/sel_element_pluss.asp) | div + p | Selects all <p> elements that are placed immediately after <div> elements | 2 |
| [*element1*~*element2*](http://www.w3schools.com/cssref/sel_gen_sibling.asp) | p ~ ul | Selects every <ul> element that are preceded by a <p> element | 3 |
| [[*attribute*]](http://www.w3schools.com/cssref/sel_attribute.asp) | [target] | Selects all elements with a target attribute | 2 |
| [[*attribute*=*value*]](http://www.w3schools.com/cssref/sel_attribute_value.asp) | [target=\_blank] | Selects all elements with target="\_blank" | 2 |
| [[*attribute*~=*value*]](http://www.w3schools.com/cssref/sel_attribute_value_contains.asp) | [title~=flower] | Selects all elements with a title attribute containing the word "flower" | 2 |
| [[*attribute*|=*value*]](http://www.w3schools.com/cssref/sel_attribute_value_lang.asp) | [lang|=en] | Selects all elements with a lang attribute value starting with "en" | 2 |
| [[*attribute*^=*value*]](http://www.w3schools.com/cssref/sel_attr_begin.asp) | a[href^="https"] | Selects every <a> element whose href attribute value begins with "https" | 3 |
| [[*attribute*$=*value*]](http://www.w3schools.com/cssref/sel_attr_end.asp) | a[href$=".pdf"] | Selects every <a> element whose href attribute value ends with ".pdf" | 3 |
| [[*attribute*\*=*value*]](http://www.w3schools.com/cssref/sel_attr_contain.asp) | a[href\*="w3schools"] | Selects every <a> element whose href attribute value contains the substring "w3schools" | 3 |
| [:active](http://www.w3schools.com/cssref/sel_active.asp) | a:active | Selects the active link | 1 |
| [::after](http://www.w3schools.com/cssref/sel_after.asp) | p::after | Insert content after every <p> element | 2 |
| [::before](http://www.w3schools.com/cssref/sel_before.asp) | p::before | Insert content before the content of every <p> element | 2 |
| [:checked](http://www.w3schools.com/cssref/sel_checked.asp) | input:checked | Selects every checked <input> element | 3 |
| [:disabled](http://www.w3schools.com/cssref/sel_disabled.asp) | input:disabled | Selects every disabled <input> element | 3 |
| [:empty](http://www.w3schools.com/cssref/sel_empty.asp) | p:empty | Selects every <p> element that has no children (including text nodes) | 3 |
| [:enabled](http://www.w3schools.com/cssref/sel_enabled.asp) | input:enabled | Selects every enabled <input> element | 3 |
| [:first-child](http://www.w3schools.com/cssref/sel_firstchild.asp) | p:first-child | Selects every <p> element that is the first child of its parent | 2 |
| [::first-letter](http://www.w3schools.com/cssref/sel_firstletter.asp) | p::first-letter | Selects the first letter of every <p> element | 1 |
| [::first-line](http://www.w3schools.com/cssref/sel_firstline.asp) | p::first-line | Selects the first line of every <p> element | 1 |
| [:first-of-type](http://www.w3schools.com/cssref/sel_first-of-type.asp) | p:first-of-type | Selects every <p> element that is the first <p> element of its parent | 3 |
| [:focus](http://www.w3schools.com/cssref/sel_focus.asp) | input:focus | Selects the input element which has focus | 2 |
| [:hover](http://www.w3schools.com/cssref/sel_hover.asp) | a:hover | Selects links on mouse over | 1 |
| [:in-range](http://www.w3schools.com/cssref/sel_in-range.asp) | input:in-range | Selects input elements with a value within a specified range | 3 |
| [:invalid](http://www.w3schools.com/cssref/sel_invalid.asp) | input:invalid | Selects all input elements with an invalid value | 3 |
| [:lang(*language*)](http://www.w3schools.com/cssref/sel_lang.asp) | p:lang(it) | Selects every <p> element with a lang attribute equal to "it" (Italian) | 2 |
| [:last-child](http://www.w3schools.com/cssref/sel_last-child.asp) | p:last-child | Selects every <p> element that is the last child of its parent | 3 |
| [:last-of-type](http://www.w3schools.com/cssref/sel_last-of-type.asp) | p:last-of-type | Selects every <p> element that is the last <p> element of its parent | 3 |
| [:link](http://www.w3schools.com/cssref/sel_link.asp) | a:link | Selects all unvisited links | 1 |
| [:not(*selector*)](http://www.w3schools.com/cssref/sel_not.asp) | :not(p) | Selects every element that is not a <p> element | 3 |
| [:nth-child(*n*)](http://www.w3schools.com/cssref/sel_nth-child.asp) | p:nth-child(2) | Selects every <p> element that is the second child of its parent | 3 |
| [:nth-last-child(*n*)](http://www.w3schools.com/cssref/sel_nth-last-child.asp) | p:nth-last-child(2) | Selects every <p> element that is the second child of its parent, counting from the last child | 3 |
| [:nth-last-of-type(*n*)](http://www.w3schools.com/cssref/sel_nth-last-of-type.asp) | p:nth-last-of-type(2) | Selects every <p> element that is the second <p> element of its parent, counting from the last child | 3 |
| [:nth-of-type(*n*)](http://www.w3schools.com/cssref/sel_nth-of-type.asp) | p:nth-of-type(2) | Selects every <p> element that is the second <p> element of its parent | 3 |
| [:only-of-type](http://www.w3schools.com/cssref/sel_only-of-type.asp) | p:only-of-type | Selects every <p> element that is the only <p> element of its parent | 3 |
| [:only-child](http://www.w3schools.com/cssref/sel_only-child.asp) | p:only-child | Selects every <p> element that is the only child of its parent | 3 |
| [:optional](http://www.w3schools.com/cssref/sel_optional.asp) | input:optional | Selects input elements with no "required" attribute | 3 |
| [:out-of-range](http://www.w3schools.com/cssref/sel_out-of-range.asp) | input:out-of-range | Selects input elements with a value outside a specified range | 3 |
| [:read-only](http://www.w3schools.com/cssref/sel_read-only.asp) | input:read-only | Selects input elements with the "readonly" attribute specified | 3 |
| [:read-write](http://www.w3schools.com/cssref/sel_read-write.asp) | input:read-write | Selects input elements with the "readonly" attribute NOT specified | 3 |
| [:required](http://www.w3schools.com/cssref/sel_required.asp) | input:required | Selects input elements with the "required" attribute specified | 3 |
| [:root](http://www.w3schools.com/cssref/sel_root.asp) | :root | Selects the document's root element | 3 |
| [::selection](http://www.w3schools.com/cssref/sel_selection.asp) | ::selection | Selects the portion of an element that is selected by a user |  |
| [:target](http://www.w3schools.com/cssref/sel_target.asp) | #news:target | Selects the current active #news element (clicked on a URL containing that anchor name) | 3 |
| [:valid](http://www.w3schools.com/cssref/sel_valid.asp) | input:valid | Selects all input elements with a valid value | 3 |
| [:visited](http://www.w3schools.com/cssref/sel_visited.asp) | a:visited | Selects all visited links | 1 |

# JQUERY SELECTOR

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