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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 something after the content of each <p> element | 2 |
| [::before](http://www.w3schools.com/cssref/sel_before.asp) |  | p::before | Insert something before the content of each <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 |