All CSS Pseudo Classes

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| **Selector** | **Example** | **Example description** |
| [:active](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_active.html) | a:active | Selects the active link |
| [:checked](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_checked.html) | input:checked | Selects every checked <input> element |
| [:disabled](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_disabled.html) | input:disabled | Selects every disabled <input> element |
| [:empty](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_empty.html) | p:empty | Selects every <p> element that has no children |
| [:enabled](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_enabled.html) | input:enabled | Selects every enabled <input> element |
| [:first-child](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_firstchild.html) | p:first-child | Selects every <p> elements that is the first child of its parent |
| [:first-of-type](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_first-of-type.html) | p:first-of-type | Selects every <p> element that is the first <p> element of its parent |
| [:focus](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_focus.html) | input:focus | Selects the <input> element that has focus |
| [:hover](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_hover.html) | a:hover | Selects links on mouse over |
| [:in-range](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_in-range.html) | input:in-range | Selects <input> elements with a value within a specified range |
| [:invalid](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_invalid.html) | input:invalid | Selects all <input> elements with an invalid value |
| [:lang(*language*)](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_lang.html) | p:lang(it) | Selects every <p> element with a lang attribute value starting with "it" |
| [:last-child](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_last-child.html) | p:last-child | Selects every <p> elements that is the last child of its parent |
| [:last-of-type](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_last-of-type.html) | p:last-of-type | Selects every <p> element that is the last <p> element of its parent |
| [:link](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_link.html) | a:link | Selects all unvisited links |
| [:not(selector)](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_not.html) | :not(p) | Selects every element that is not a <p> element |
| [:nth-child(n)](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_nth-child.html) | p:nth-child(2) | Selects every <p> element that is the second child of its parent |
| [:nth-last-child(n)](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_nth-last-child.html) | p:nth-last-child(2) | Selects every <p> element that is the second child of its parent, counting from the last child |
| [:nth-last-of-type(n)](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_nth-last-of-type.html) | p:nth-last-of-type(2) | Selects every <p> element that is the second <p> element of its parent, counting from the last child |
| [:nth-of-type(n)](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_nth-of-type.html) | p:nth-of-type(2) | Selects every <p> element that is the second <p> element of its parent |
| [:only-of-type](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_only-of-type.html) | p:only-of-type | Selects every <p> element that is the only <p> element of its parent |
| [:only-child](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_only-child.html) | p:only-child | Selects every <p> element that is the only child of its parent |
| [:optional](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_optional.html) | input:optional | Selects <input> elements with no "required" attribute |
| [:out-of-range](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_out-of-range.html) | input:out-of-range | Selects <input> elements with a value outside a specified range |
| [:read-only](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_read-only.html) | input:read-only | Selects <input> elements with a "readonly" attribute specified |
| [:read-write](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_read-write.html) | input:read-write | Selects <input> elements with no "readonly" attribute |
| [:required](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_required.html) | input:required | Selects <input> elements with a "required" attribute specified |
| [:root](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_root.html) | root | Selects the document's root element |
| [:target](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_target.html) | #news:target | Selects the current active #news element (clicked on a URL containing that anchor name) |
| [:valid](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_valid.html) | input:valid | Selects all <input> elements with a valid value |
| [:visited](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_visited.html) | a:visited | Selects all visited links |

All CSS Pseudo Elements

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| **Selector** | **Example** | **Example description** |
| [::after](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_after.html) | p::after | Insert content after every <p> element |
| [::before](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_before.html) | p::before | Insert content before every <p> element |
| [::first-letter](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_firstletter.html) | p::first-letter | Selects the first letter of every <p> element |
| [::first-line](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_firstline.html) | p::first-line | Selects the first line of every <p> element |
| [::selection](file:///C:\Users\FolabI\Desktop\Books\Books\www.w3schools.com\cssref\sel_selection.html) | p::selection | Selects the portion of an element that is selected by a user |