

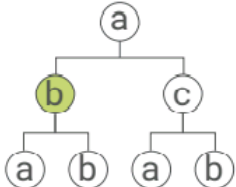
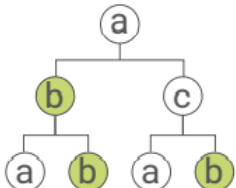
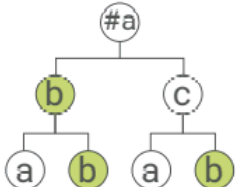




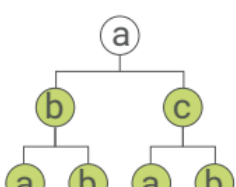


# CSS selectors cheatsheet

# > . , \* + ~ : [ ] ( ) { }

# CSS selectors cheatsheet

| Selector name                                | HTML   | CSS                      | Infographic   |
|--|--|--------------------------|---|
| <b>Type Selector</b>                         | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code>  | <code>a {}</code>        |    |
| <b>ID Selector</b>                           | <code>&lt;..id="a"/&gt;</code><br><code>&lt;..id="b"/&gt;</code><br><code>&lt;..id="c"/&gt;</code>   | <code>#a {}</code>       | <br><small>* ID is not recommended as a selector</small> |
| <b>Child Selector</b>                        | <code>&lt;a&gt;</code><br><code>&lt;b&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;</code><br><code>&lt;/b&gt;</code><br><code>&lt;c&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;</code><br><code>&lt;/c&gt;</code><br><code>&lt;/a&gt;</code>        | <code>a &gt; b {}</code> |    |
| <b>Descendant Selector</b>                   | <code>&lt;a&gt;</code><br><code>&lt;b&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;</code><br><code>&lt;/b&gt;</code><br><code>&lt;c&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;</code><br><code>&lt;/c&gt;</code><br><code>&lt;/a&gt;</code>        | <code>a b {}</code>      |   |
| <b>Combine Descendant &amp; ID Selectors</b> | <code>&lt;a id="a"&gt;</code><br><code>&lt;b&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;</code><br><code>&lt;/b&gt;</code><br><code>&lt;c&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;</code><br><code>&lt;/c&gt;</code><br><code>&lt;/a&gt;</code> | <code>#a b {}</code>     |    |
| <b>Class Selector</b>                        | <code>&lt;.. class="a"/&gt;</code><br><code>&lt;.. class="b"/&gt;</code><br><code>&lt;.. class="c"/&gt;</code>   | <code>.a {}</code>       |    |
| <b>Combine the Class Selector</b>            | <code>&lt;a class="x"/&gt;</code><br><code>&lt;b class="x"/&gt;</code><br><code>&lt;c class="x"/&gt;</code>  | <code>b.x {}</code>      |    |
| <b>Comma Combinator Selector</b>             | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;d/&gt;</code>   | <code>a, c {}</code>     |    |
| <b>Universal Selector</b>                    | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;d/&gt;</code>   | <code>* {}</code>        |    |
| <b>Combine Universal Selector</b>            | <code>&lt;a&gt;</code><br><code>&lt;b&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;</code><br><code>&lt;/b&gt;</code><br><code>&lt;c&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;</code><br><code>&lt;/c&gt;</code><br><code>&lt;/a&gt;</code>        | <code>a * {}</code>      |    |

|                                    |  |                                      |   |
|------------------------------------|--|--------------------------------------|---|
| <b>Adjacent Sibling Selector</b>   | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code>   | <code>a + b {}</code>                |   |
| <b>General Sibling Selector</b>    | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;b/&gt;</code>  | <code>a ~ b {}</code>                |   |
| <b>First Child Pseudo Selector</b> | <code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code>  | <code>b:first-child {}</code>        |   |
|                                    | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code>  |                                      | <p>first-child</p> <p>*first-child is 'a' element, not 'b' element.<br/>So there is nothing to be selected.</p> |
| <b>Only Child Pseudo Selector</b>  | <code>&lt;a&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;/a&gt;</code><br><code>&lt;a&gt;</code><br><code>&lt;b/&gt;&lt;b/&gt;</code><br><code>&lt;/a&gt;</code><br><code>&lt;a&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;&lt;c/&gt;</code><br><code>&lt;/a&gt;</code> | <code>b:only-child {}</code>         |   |
|                                    |  | <code>a :only-child {}</code>        |   |
| <b>Last Child Pseudo Selector</b>  | <code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code>   | <code>b:last-child {}</code>         |   |
|                                    | <code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code>  |                                      | <p>last-child</p> <p>*last-child is 'c' element, not 'b' element.<br/>So there is nothing to be selected.</p>   |
| <b>Nth Child Pseudo Selector</b>   | <code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code>  | <code>b:nth-child(2) {}</code>       |   |
|                                    | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code>  |                                      |   |
|                                    | <code>&lt;b/&gt;</code><br><code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code>  |                                      | <p>*nth-child(2) is 'a' element, not 'b' element.<br/>So there is nothing to be selected.</p>                   |
|                                    | <code>&lt;a&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;&lt;c/&gt;</code><br><code>&lt;/a&gt;</code>   | <code>a :nth-child(2) {}</code>      |   |
| <b>Nth Last Child Selector</b>     | <code>&lt;a&gt;</code><br><code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;d/&gt;</code><br><code>&lt;/a&gt;</code>  | <code>a :nth-last-child(2) {}</code> |   |
|                                    |  | <code>c:nth-last-child(2) {}</code>  |   |
|                                    |  | <code>a:nth-last-child(2) {}</code>  |   |
|                                    |  | <code>b:nth-last-child(2) {}</code>  |   |
|                                    |  | <code>d:nth-last-child(2) {}</code>  |   |

|                               |  |                               |  |
|-------------------------------|--|-------------------------------|--|
| <b>First of Type Selector</b> | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code>   | <b>b:first-of-type {}</b>     |  |
| <b>Nth of Type Selector</b>   | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;a/&gt;</code>  | <b>a:nth-of-type(2) {}</b>    |  |
|                               |  | <b>a:nth-of-type(even) {}</b> |  |
|                               |  | <b>a:nth-of-type(odd) {}</b>  |  |
|                               |  | <b>a:nth-of-type(2n+1) {}</b> | <br>* `n` is an every positive integer or zero value.      |
| <b>Only of Type Selector</b>  | <code>&lt;a&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;/a&gt;</code><br><code>&lt;a&gt;</code><br><code>&lt;b/&gt;&lt;b/&gt;</code><br><code>&lt;/a&gt;</code><br><code>&lt;a&gt;</code><br><code>&lt;a/&gt;&lt;b/&gt;&lt;c/&gt;</code><br><code>&lt;/a&gt;</code> | <b>b:only-of-type {}</b>      |  |
| <b>Last of Type Selector</b>  | <code>&lt;a/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code>  | <b>b:last-of-type {}</b>      |  |
|                               | <code>&lt;a&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;d/&gt;</code><br><code>&lt;/a&gt;</code>   | <b>a :last-of-type {}</b>     |  |
|                               | <code>&lt;a&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;d/&gt;</code><br><code>&lt;/a&gt;</code>   |                               |  |
|                               | <code>&lt;a&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;b class="x"/&gt;</code><br><code>&lt;c class="x"/&gt;</code><br><code>&lt;b class="x"/&gt;</code><br><code>&lt;c class="x"/&gt;</code><br><code>&lt;/a&gt;</code>                | <b>.x:last-of-type {}</b>     |  |
|                               | <code>&lt;a&gt;</code><br><code>&lt;b class="x"/&gt;</code><br><code>&lt;c class="x"/&gt;</code><br><code>&lt;b class="x"/&gt;</code><br><code>&lt;c class="x"/&gt;</code><br><code>&lt;b/&gt;</code><br><code>&lt;c/&gt;</code><br><code>&lt;/a&gt;</code>                |                               | <br>* Those items won't be selected as no `x` is presented |

|                                       |  |                                |   |
|---------------------------------------|--|--------------------------------|---|
| <b>Empty Selector</b>                 | <pre>&lt;a/&gt; &lt;a&gt;hello&lt;/a&gt; &lt;a&gt;   &lt;b/&gt;&lt;b/&gt; &lt;/a&gt;</pre> | <b>a:empty {}</b>              | <p>*`empty` indicates no children elements or text.</p> |
| <b>Negation Pseudo-class Selector</b> | <pre>&lt;a/&gt; &lt;b/&gt; &lt;a class="x"/&gt; &lt;b class="x"/&gt;</pre>                 | <b>a:not(.x) {}</b>            |   |
|                                       | <pre>&lt;a/&gt; &lt;b/&gt; &lt;a/&gt; &lt;a/&gt;</pre>                                     | <b>a:not(:last-of-type) {}</b> |   |
| <b>Attribute Selector</b>             | <pre>&lt;a/&gt; &lt;a for="x"/&gt; &lt;a for="y"/&gt; &lt;a for="z"/&gt;</pre>             | <b>[for]</b>                   |   |
|                                       | <pre>&lt;a/&gt; &lt;a for="x"/&gt; &lt;b for="y"/&gt; &lt;c for="z"/&gt;</pre>             | <b>a[for]</b>                  |   |
| <b>Attribute Value Selector</b>       | <pre>&lt;a/&gt; &lt;a for="x"/&gt; &lt;a for="y"/&gt; &lt;a for="z"/&gt;</pre>             | <b>a[for="x"]</b>              |   |
| <b>Attribute Starts with Selector</b> | <pre>&lt;a for="x"/&gt; &lt;a for="xy"/&gt; &lt;a for="yz"/&gt; &lt;a for="zx"/&gt;</pre>  | <b>[for^="x"]</b>              |   |
| <b>Attribute Ends with Selector</b>   | <pre>&lt;a for="x"/&gt; &lt;a for="xy"/&gt; &lt;a for="yz"/&gt; &lt;a for="zx"/&gt;</pre>  | <b>[for\$="x"]</b>             |   |
| <b>Attribute Wildcard Selector</b>    | <pre>&lt;a for="x"/&gt; &lt;a for="xy"/&gt; &lt;a for="yz"/&gt; &lt;a for="zx"/&gt;</pre>  | <b>[for*="x"]</b>              |   |

### Only Child Pseudo VS Only of Type

|                                   |  |                          |  |
|-----------------------------------|--|--------------------------|--|
| <b>Only Child Pseudo Selector</b> | <pre>&lt;a&gt;   &lt;b/&gt; &lt;/a&gt;</pre>                     | <b>b:only-child {}</b>   |  |
| <b>Only of Type Selector</b>      | <pre>&lt;a&gt;   &lt;a/&gt;&lt;b/&gt;&lt;c/&gt; &lt;/a&gt;</pre> | <b>b:only-of-type {}</b> |  |