

CSS - Reference

Simple selectors:

ID selector

Selects elements based on the value of the `id` attribute.

Syntax: `#idname`

Example: `#gb78` will match the elements with ID "gb78".

Class selector

Selects elements that have the given `class` attribute.

Syntax: `.classname`

Example: `.gb_0` will match the elements with class "gb_0".

Attribute selector

Selects elements that have the given attribute or based on the value of the given attribute.

Syntax: `[attr]` `[attr=value]`

Example: `[href]` will match the elements having `href` attribute set (to any value).

`[href="https://play.google.com/?hl=en&tab=w8"]` will match elements having `href` attribute set to given value.

Universal selector

Selects all elements. Optionally, it may be restricted to a specific namespace or to all namespaces.

Syntax: `*`

`ns|*`

Example: `*` will match all the elements of the document.

Wildcards:

[attr^=value] Represents elements with an attribute name of *attr* whose value is prefixed (preceded) by *value*.

Example: `[href^="https://play.google.com/"]`
`a[href^="https://play.google.com/"]`

[attr*=value] Represents elements with an attribute name of *attr* whose value contains at least one occurrence of *value* within the string.

Example: `[href*="play.google.com"]`
`a[href*="play.google.com"]`

[attr\$=value] Represents elements with an attribute name of *attr* whose value is suffixed (followed) by *value*.

Example: `[href$="hl=en&tab=w8"]`
`a[href$="hl=en&tab=w8"]`

[*attr*~=*value*] Represents elements with an attribute name of *attr* whose value is a whitespace-separated list of words, one of which is exactly *value*.

Example: `[title~="apps"]`
`a[title~="apps"]`

Multiple Selectors:

[*attr1*=*value*] [*attr2*=*value*] Represents elements with attributes of *attr1* AND *attr2* along with given values.

Example: `[class="gb_O"] [data-pid="78"]`

Combinators:

Child combinator

The > combinator selects nodes that are direct children of the first element.

Syntax: *A* > *B*

Example: `a[href*="play.google"]>span.gb_W` will match all `span.gb_W` elements that are nested directly inside a `a[href*="play.google"]` element.

Descendant combinator

The (space) combinator selects nodes that are descendants(children, grandchildren and more) of the first element.

Syntax: *A* *B*

Example: `ul.gb_da.gb_6 a[href*="play.google"]` will match all `a[href*="play.google"]` elements that are inside a `ul.gb_da.gb_6` element.

Adjacent sibling combinator

The + combinator selects adjacent siblings. This means that the second element directly follows the first, and both share the same parent.

Syntax: *A* + *B*

Example: `ul.gb_da.gb_6+a` will match all `a` elements that directly follow an `ul.gb_da.gb_6`.

General sibling combinator

The ~ combinator selects siblings. This means that the second element follows the first (though not necessarily immediately), and both share the same parent.

Syntax: *A* ~ *B*

Example: `ul.gb_da.gb_6~ul` will match all `ul` elements that follow a `ul.gb_da.gb_6`.

For Further Reading: https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Selectors