

CSS reference

↗ CSS: Cascading Style Sheets

English (US)

Change language

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Use this **CSS reference** to browse an [alphabetical index](#) of all of the standard **CSS** properties, [pseudo-classes](#), [pseudo-elements](#), [data types](#), [functional notations](#) and [at-rules](#). You can also browse [key CSS concepts](#) and a list of [selectors organized by type](#). Also included is a brief [DOM-CSS / CSSOM reference](#).

Basic rule syntax

Style rule syntax

```
style-rule ::=
  selectors-list {
    properties-list
  }
```

... where :

```
selectors-list ::=
  selector[:pseudo-class] [::pseudo-element]
  [, selectors-list]

properties-list ::=
  [property : value] [; properties-list]
```

See the index of [selectors](#), [pseudo-classes](#), and [pseudo-elements](#) below. The syntax for each specified *value* depends on the data type defined for each specified *property*.

Style rule examples

```
strong {
  color: red;
}

div.menu-bar li:hover > ul {
  display: block;
}
```

For a beginner-level introduction to the syntax of selectors, see our [guide on CSS Selectors](#).

Be aware that any [syntax](#) error in a rule definition invalidates the entire rule. Invalid rules are ignored by the browser. Note that CSS rule definitions are entirely (ASCII) [text-based](#), whereas DOM-CSS / CSSOM (the rule management system) is [object-based](#).

At-rule syntax

As the structure of at-rules varies widely, please see [At-rule](#) to find the syntax of the specific one you want.

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Note: The property names in this index do **not** include the [JavaScript names](#) where they differ from the CSS standard names.

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Selectors

The following are the various [selectors](#), which allow styles to be conditional based on various features of elements within the DOM.

Basic selectors

Basic selectors are fundamental selectors; these are the most basic selectors that are frequently combined to create other, more complex selectors.

- **Universal selector** `*`, `ns|*`, `*|*`, `|*`
- **Type selector** `elementname`
- **Class selector** `.classname`
- **ID selector** `#idname`
- **Attribute selector** `[attr=value]`

Grouping selectors

Selector list A, B

Specifies that both A and B elements are selected. This is a grouping method to select several matching elements.

Combinators

Combinators are selectors that establish a relationship between two or more simple selectors, such as " A is a child of B " or " A is adjacent to B ."

Adjacent sibling combinator $A + B$

Specifies that the elements selected by both A and B have the same parent and that the element selected by B immediately follows the element selected by A horizontally.

General sibling combinator $A \sim B$

Specifies that the elements selected by both A and B share the same parent and that the element selected by A comes before—but not necessarily immediately before—the element selected by B .

Child combinator $A > B$

Specifies that the element selected by B is the direct child of the element selected by A .

Descendant combinator $A B$

Specifies that the element selected by B is a descendant of the element selected by A , but is not necessarily a direct child.

Column combinator $A || B$

Specifies that the element selected by B is located within the table column specified by A . Elements which span multiple columns are considered to be a member of all of those columns.

Pseudo

Pseudo classes :

Specifies a special state of the selected element(s).

Pseudo elements ::

Represents entities that are not included in HTML.

See also: [Selectors in the Selectors Level 4 specification](#)

Concepts

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DOM-CSS / CSSOM

Major object types

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- `styleSheets[i].cssRules`
- `cssRules[i].cssText` (selector & style)
- `cssRules[i].selectorText`
- `HTMLElement.style`
- `HTMLElement.style.cssText` (just style)
- `Element.className`
- `Element.classList`

Important methods

- `CSSStyleSheet.insertRule()`
- `CSSStyleSheet.deleteRule()`

See also

- [Mozilla CSS extensions](#) (prefixed with `-moz-`)
- [WebKit CSS extensions](#) (mostly prefixed with `-webkit-`)
- [Microsoft CSS extensions](#) (prefixed with `-ms-`)

External Links

- [CSS Indices \(w3.org\)](#)

Related Topics

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