

Selectors

Type

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Pseudo-Classes Selector

<!--? :hover -->

The `:hover` pseudo-class applies when the user keeps mouse cursor on the element.

<!--? :active -->

The `:active` pseudo-class applies during the period in which the element is being activated (e.g., between the times the user presses the mouse button and releases it).

<!--? :nth-child() -->

The `:nth-child()` pseudo-class matches elements based on their position in a group of siblings. It takes a single argument that can be a number, keyword, or formula. (an+b)

Pseudo-elements Selector

Pseudo-elements in CSS are used to style specific parts of an element.

before

The `::before` pseudo-element can be used to insert content before the content of an element.

<!--? syntax -->

```
selector::before {  
  content: "content";    <!--! Required property -->  
  
  <!-- Other CSS properties -->  
}
```

::after

The `::after` pseudo-element can be used to insert content after the content of an element.

<!-- ? syntax -->

```
selector::after {  
  content: "content";    <!--! Required property -->  
  
  <!-- Other CSS properties -->  
}
```

::first-line

The `::first-line` pseudo-element applies styles to the first line of a block-level element.

::first-letter

The `::first-letter` pseudo-element applies styles to the first letter of a block-level element.

::selection

The `::selection` pseudo-element applies styles to the portion of a document that has been highlighted by the user (e.g., selected with the mouse).

::marker

The `::marker` pseudo-element is used to style the marker box of a list item (i.e., the bullet points or numbers).

Attribute Selectors

It will target the elements based on attribute name.

Instead of creating new id names and class names we can use existing attributes.

1. `[attr]`: represents elements with an attribute name of attr.
2. `[attr=value]`: Represents element with an attribute name of attr whose value is exactly value.