



Attribute selectors





Topics Covered

- Attribute selectors Definition
- Different types of Attribute selectors



Attribute selectors Definition

Attribute selectors are a type of CSS selector that allows you to select and target HTML elements based on their attributes and attribute values.



Different types of Attribute selectors with examples

There are several types of attribute selectors in CSS, such as `[attribute]`, `[attribute=value]`, `[attribute^=value]`, `[attribute$=value]`, `[attribute~=value]`, `[attribute|=value]` and `[attribute*=value]`.

`[attribute]` selector – Selects elements that have a specific attribute, regardless of its value.

HTML

```
<body>
  <a href="https://ineuron.ai/" target="_blank">
Ineuron  </a> <br />
  <a href="https://pwskills.com/"> PW skills </a>
</body>
```

Output

Ineuron
PW skills

CSS

```
/* check for attribute exists */
a[target] {
  color: green;}
/* this will select the anchor tag with target
attribute and change the color to green */
```




Different types of Attribute selectors with examples

[attribute=value] selector – Selects elements that have a specific attribute with a specific value.

HTML

```
<body>
  <a href="https://ineuron.ai/" target="_blank">
Ineuron</a> <br />
  <a href="https://pwskills.com/"> PW skills </a>
</body>
```

Output

Ineuron
PW skills

CSS

```
/* attribute has this exact value*/
a[target= "_blank"] {
    color: green;}
/* this will select the anchor tag with attribute
name with the same value and change the color to
green */
```



Different types of Attribute selectors with examples

[attribute^=value] selector – Selects elements that have a specific attribute whose value begins with a specific string.

HTML

```
<body>
  <h1 class="top">Hello World</h1>
  <p class="down">Let's learn CSS</p>
</body>
```

Output

Hello World

Let's learn CSS

CSS

```
[class^="top"] {
  background-color: green;
}
/* this will select the class attribute value name
which starts with "top" and change the background
color to green*/
```




Different types of Attribute selectors with examples

[attribute\$=value] selector - Selects elements that have a specific attribute whose value ends with a specific string.

HTML

```
<body>
  <h1 class="first-top">Hello World</h1>
  <p class="first-down">Let's learn CSS</p>
</body>
```

Output

Hello World

Let's learn CSS

CSS

```
/* attribute value ends with this */
[class$="top"] {
  background-color: green;
}
/* this will select the class attribute value name
which ends with "top" and change the background
color to green*/
```



Different types of Attribute selectors with examples

[attribute~=value] selector - Select elements with an attribute value containing a specified word.

HTML

```
<body>
  <h1 class="first top">Hello World</h1>
  <p class="first down">Let's learn CSS</p>
</body>
```

Output

Hello World

Let's learn CSS

CSS

```
/* Attribute has this value in a space-separated
list somewhere */
[class~="top"] {
  background-color: green;
}
/* select the class that contains a space-separated
list of words, one of which is "top" and change the
background color to green */
```




Different types of Attribute selectors with examples

[attribute=value] selector - Select elements with the specified attribute, whose value can be exactly the specified value or the specified value followed by a hyphen (-).

HTML

```
<body>
  <h1 class="first-top">Hello World</h1>
  <p class="second-down">Let's learn CSS</p>
</body>
```

Output

Hello World

Let's learn CSS

CSS

```
/* Attribute value starts with this in a
dash-separated list */
[class|= "first"] {
  background-color: green;
}
/* select the class that contains a "first" followed
by a hyphen (-) and change the background color to
green */
```



Different types of Attribute selectors with examples

[attribute*=value] selector - Selects elements that have a specific attribute whose value contains a specific string.

HTML

```
<body>
  <h1 class="first-top">Hello World</h1>
  <p class="second-down">Let's learn CSS</p>
  <p class="first-below">welcome to the class</p>
</body>
```

Output

Hello World

Let's learn CSS

welcome to the class

CSS

```
/* Attribute value contains this value somewhere in
it */
[class*="fi"] {
  background-color: green;
}
/* select the class that contains a specific text
i.e "fi" and change the background color to green */
```




▶ THANK YOU ◀