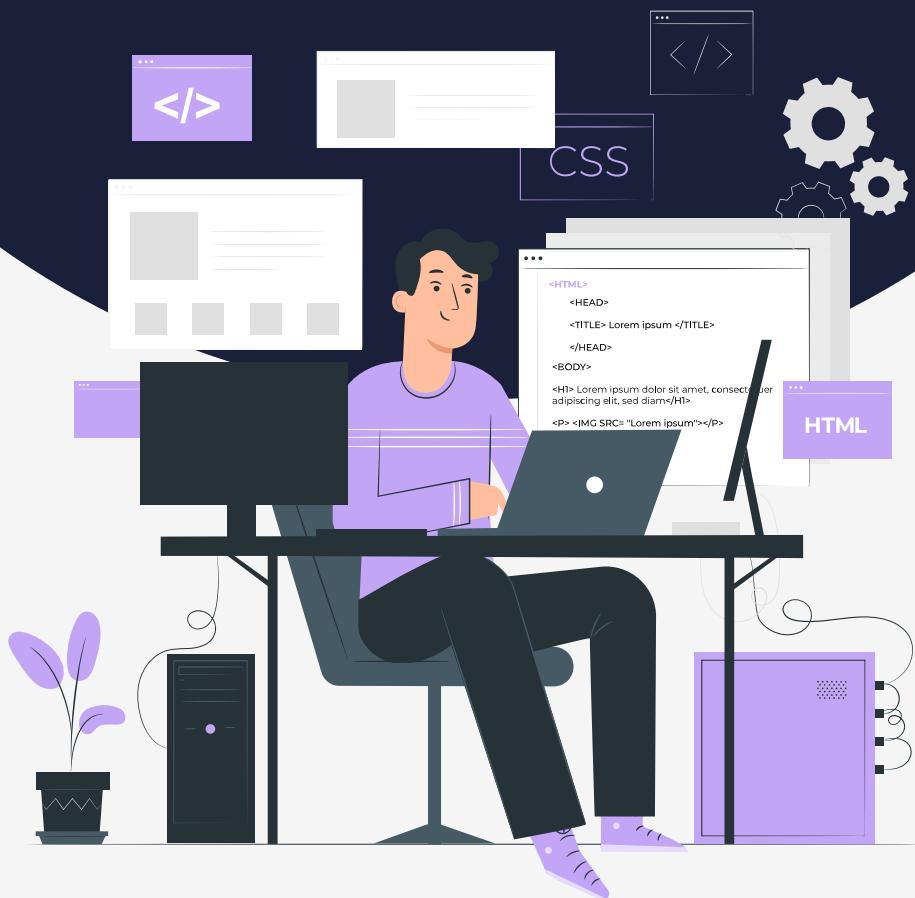


# Lesson:

# 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]**

Selects elements that have a specific attribute, regardless of its value.

#### Example -

index.html

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

style.css

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

#### Browser output -

Ineuron  
PW skills

## [attribute=value]

Selects elements that have a specific attribute with a specific value.

### Example -

index.html

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

style.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 */
```

### Browser output -

Ineuron  
PW skills

## [attribute^=value]

Selects elements that have a specific attribute whose value begins with a specific string.

### Example -

index.html

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

## style.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*/
```

### Browser output -

**Hello World**

Let's learn CSS

## [attribute\$=value]

Selects elements that have a specific attribute whose value ends with a specific string.

### Example -

index.html

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

## style.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*/
```

### Browser output -

**Hello World**

Let's learn CSS

## [attribute~="value"]

Select elements with an attribute value containing a specified word.

### Example -

index.html

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

style.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 */
```

Browser output -



Hello World

Let's learn CSS

## [attribute|=value]

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

### Example -

index.html

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

## style.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 */
```

## Browser output -

Hello World

Let's learn CSS

## [attribute\*=value]

Selects elements that have a specific attribute whose value contains a specific string.

## Example -

index.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>
```

## style.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 */
```

## Browser output -

Hello World

Let's learn CSS

welcome to the class