

# Lesson:

## Pseudo element



# List of Concepts Involved:

- :: after
- :: before
- :: first-letter
- :: first-line
- :: selection
- :: placeholder
- :: maker

Pseudo-element selectors are used to style a specific part of an element.

They start with a **double colon (::)**.

Examples like **::before**, **::after** are probably the most used **pseudo-elements**. They are used to add content before or after elements.

## Syntax of Pseudo element -

```
Unset
selector::pseudo-element {
  property: value;
}
```

Let us now look in detail at the different types of Pseudo element selectors in CSS

## :: after

The pseudo-element selector **"::after"**, is used to insert content after the content of an element.

### syntax of ::after

```
Unset
tag::after {
  /* property: value*/
}
```

### Example of ::after selector

index.html

```
Unset
<body>
  <p>Pseudo element selector - </p>
</body>
```

### style.css

```
Unset
p::after {
  content: " after";
  color: red;
}
/* This will add a content of " after" to the element and
change the particular text color to red*/
```

Let us now look in detail at the different types of Pseudo element selectors in CSS

## Pseudo element selector - **after**

### :: after

The pseudo-element selector “**::before**”, is used to insert content before the content of an element.

#### syntax of ::before

```
Unset
tag::before { /* property: value*/ }
```

#### Example of ::before selector

index.html

```
Unset
<body>
  <p> - Pseudo element selector</p>
</body>
```

#### style.css

```
Unset
p::before {
  content: "before";
  color: red;
}

/* This will add a content of "before" to the element and
change the particular text color to red*/
```

#### Browser output -

**Before** - Pseudo element selector

### :: first-letter

The pseudo selector “**first-letter**”, selects the first letter of each element.

#### syntax of ::first-letter

```
Unset
tag::first-letter {
  /* property: value*/
}
```

#### Example of ::first-letter selector

index.html

```
Unset
<body>
  <p>Pseudo element selector -</p>
</body>
```

## style.css

```
Unset
p::first-letter {
    font-size: 40px
    color:red;
}
/* This will select the first letter of the paragraph */
```

### Browser output -

Pseudo element selector

Pseudo first-letter

Select the first letter

## :: first-line

The Pseudo selector “**::first-line**”, select the first line of each element.

### syntax of ::first-line

```
Unset
tag::first-line {
    /* property: value*/
}
```

### Example of ::first-line selector

index.html

```
Unset
<p>
    Pseudo element, first-line <br />
    The first-line Pseudo element is used to select the
    first line of the element
</p>
```

## style.css

```
Unset
p::first-line {
    background-color: yellow;
    text-decoration: underline;
}
/* This will select the first line of the paragraph and change
the background color to yellow and underline the text.*/
```

### Browser output -

Pseudo element, first-line

The first-line Pseudo element is used to select the first line of the element

## :: selection

The Pseudo element selector “**::selection**”, selects or matches the portion of an element that is selected by a user.

### syntax of ::selection

```
Unset
tag::selection {
  /* property: value*/
}
```

### Example of ::selection selector

index.html

```
Unset
<p>
  Pseudo element, selection <br />
  selection the element that is selected by the users
</p>
```

### style.css

```
Unset
p::selection {
  background-color: yellow;
  color: red;
}
/* This will change the selected element or text to red with
the background color to yellow */
```

### Browser output -

Pseudo **element, selection**  
selection the element that is selected by the users

In this case, the “element, selection” is selected by the user so the text color change to red and the background color change to yellow.

## :: placeholder

The Pseudo-element selector “**placeholder**”, selects or represents mainly the placeholder text in an input HTML tag or textarea HTML tag.

### syntax of ::placeholder

```
Unset
tag::placeholder {
  /* property: value*/
}
```

### Example of ::placeholder selector

index.html

```
Unset
<body>
  <p>Pseudo element Placeholder example</p>
  <input type="text" placeholder="Enter your Name" />
</body>
```

## style.css

```
Unset
input::placeholder {
  background-color: yellow;
  color: red;
  padding: 10px;
}
/* This will select the input placeholder and change the
background color to yellow and text color to red with padding
*/
```

### Browser output -

Pseudo element Placeholder example

## :: marker

The Pseudo-element selector “maker”, select or represent mainly the markers of list items.

### syntax of ::marker

```
Unset
tag::marker {
  /* property: value*/
}
```

### Example of ::marker selector

index.html

```
Unset
<body>
  <h2>Todos</h2>
  <ul>
    <li>one</li>
    <li>two</li>
    <li>three</li>
  </ul>
</body>
```

## style.css

```
Unset
li::marker {
  color: red;
}
/* This change to color of the li makers to red color */
```

### Browser output -

## Todos

- Clean the code
- Read docs
- Build the project