**CSS SELECTORS**

A CSS selector selects the HTML element(s) you want to style.

We can divide CSS selectors into five categories:

* Simple selectors (select elements based on name, id, class)
* [Combinator selectors](https://www.w3schools.com/css/css_combinators.asp) (select elements based on a specific relationship between them)
* [Pseudo-class selectors](https://www.w3schools.com/css/css_pseudo_classes.asp) (select elements based on a certain state)
* [Pseudo-elements selectors](https://www.w3schools.com/css/css_pseudo_elements.asp) (select and style a part of an element)
* [Attribute selectors](https://www.w3schools.com/css/css_attribute_selectors.asp) (select elements based on an attribute or attribute value)

**1. The CSS element Selector**

The element selector selects HTML elements based on the element name.

### Example

Here, all <p> elements on the page will be center-aligned, with a red text color:

p {

text-align: center;

color: red;

}

**2. The CSS id Selector**

The id selector uses the id attribute of an HTML element to select a specific element.

The id of an element is unique within a page, so the id selector is used to select one unique element!

To select an element with a specific id, write a hash (#) character, followed by the id of the element.

### Example

The CSS rule below will be applied to the HTML element with id="para1":

#para1 {

text-align: center;

color: red;

}

3**. The CSS class Selector**

The class selector selects HTML elements with a specific class attribute.

To select elements with a specific class, write a period (.) character, followed by the class name.

### Example

In this example all HTML elements with class="center" will be red and center-aligned:

.center {

text-align: center;

color: red;

}

**4. The CSS Universal Selector**

The universal selector (\*) selects all HTML elements on the page.

### Example

The CSS rule below will affect every HTML element on the page:

\* {

text-align: center;

color: blue;

}

**5. The CSS Grouping Selector**

The grouping selector selects all the HTML elements with the same style definitions.

### Example

In this example we have grouped the selectors from the code above:

h1, h2, p {

text-align: center;

color: red;

}