CSS Selectors

CSS selectors are used to "find" (or select) the HTML elements you want to style.

We can divide CSS selectors into five categories:

1. Simple selectors (select elements based on name, id, class)
2. Combinator selectors (select elements based on a specific relationship between them)
3. Pseudo-class selectors (select elements based on a certain state)
4. Pseudo-elements selectors (select and style a part of an element)
5. Attribute selectors (select elements based on an attribute or attribute value)

tag(element) Selector

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

Ex: h1{

Color:green;

}

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.

Ex: #id{

text-align:center;

}

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.

Ex: .classname{

font-style: italic;

}

Universal Selector

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

Ex: \*{

background-color:yellow;

}

Attribute Selectors

* Style HTML Elements With Specific Attributes
* It is possible to style HTML elements that have specific attributes or attribute values.

[attribute] Selector

The [attribute] selector is used to select elements with a specified attribute.

Ex: a[target] {

background-color: yellow;

}

[attribute="value"] Selector

The [attribute="value"] selector is used to select elements with a specified attribute and value.

Ex: a[target="\_blank"] {

background-color: yellow;

}

[attribute^="value"] Selector

The [attribute^="value"] selector is used to select elements with the specified attribute, whose value starts with the specified value.

Ex: [class^="top"] {

background: yellow;

}

[attribute$="value"] Selector

The [attribute$="value"] selector is used to select elements whose attribute value ends with a specified value.

Ex: [class$="test"] {

background: yellow;

}

[attribute\*="value"] Selector

The [attribute\*="value"] selector is used to select elements whose attribute value contains a specified value.

Ex: [class\*="te"] {

background: yellow;

}