

<u>Day 15</u>



"Web Development + Security"

Selectors:

What are Selectors in CSS?

A selector tells the browser which HTML elements you want to style. It's the first part of a CSS rule, before the $\{ \dots \}$.

```
Syntax:
selector {
 property: value;
}
Example:
p {
 color: blue;
 font-size: 18px;
}
```

Types of CSS Selectors:

Selector Type	Example	Selects
Element Selector	p {}	All tags
Class Selector	.intro {}	Elements with class="intro"
ID Selector	#main {}	Element with id="main"
Universal Selector	* {}	All elements
Group Selector	h1, h2, p {}	Multiple types at once
Descendant Selector	div p {}	inside <div></div>
Attribute Selector	input[type="text"] {}	<input/> with type="text"
Pseudo-class	a:hover {}	<a> when hovered
Pseudo-element	p::first-letter {}	The first letter of each

Example: a basic div tag use

Example: element selector, we just use the element name in the style tag to style them.

Example: adding another div tag, we can see that same properties get applied to both

Example: targeting element using there class name, just write the name of class starting with ".". It is an example of class selector.

Example: id selector, we just name the id inside the style tag using the # and add the properties we want

Example: child selector, This will select all div elements that are direct children of the body

For above example, in case we have inside some other element, then it don't directly get applied.

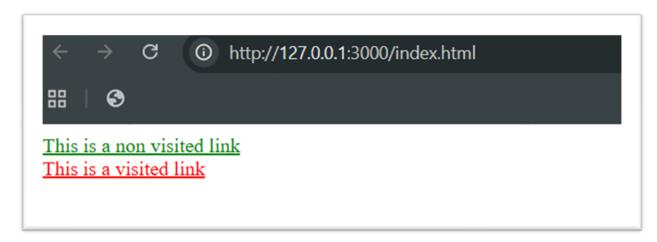
Example: clearly is inside the <div> and also inside the <article>, so inside the article one it don't get applied.

Example: Descendant selector, This will select all p elements that are descendants of div elements

Example: universal selector, we just uses * in the <style> tag.

Example: pseudo selectors

Output:



Example: pseudo selector usage in other tags, like tag

Example: trying one more inside the <div>

--The End--