

Styling Page Elements

In this lesson, we'll style some page elements using the magic of CSS.
Let's begin!

WE'LL COVER THE FOLLOWING ^

- Internal and external styles



CSS: Styling Page Elements



You can apply styles to a webpage in several ways, as you'll see soon.

A style, often referred to as rule, is a compound expression that is built from a selector and a declaration block that contains zero, one, or more declarations.

Each **declaration** is a pair of a property and a value. The syntax of a rule is the following:

```
selector {  
  property1: value1;  
  property2: value2;  
}
```



```
propertyN: valueN;  
}
```

syntax of a rule

Let's take a look at this example:

```
h1 {  
  color: white;  
  background-color: blue;  
}
```



Example usage of a declaration

Here, `h1` is a selector and braces wrap the **declaration block**. The **first declaration** sets the `color` property to white. The **second declaration** specifies that the `background-color` property's value should be blue.

Each declaration is closed with a semicolon `;`.

Internal and external styles

In Listing 9-1 the styles are placed directly into the web page (nested into the `<style>` tag), in what is called an internal style sheet. You already saw several examples in this course where styles were put into a separate text file with `.css` extension, and this file was linked to the page with the `<link>` tag. This *separate file* is called an **external style sheet**.

Assuming that you copy the styles in Listing 9-1 to a separate file, `mystyle.css` is located in the `Theme` folder, the `<head>` section refers to this file with the highlighted `<link>` tag:

```
<head>  
  <title>The style and class attributes</title>  
  <link href="Theme/mystyle.css" rel="stylesheet" />  
</head>
```



Internal style sheets are applied only for the web pages they are nested in.

External style sheets can be referenced from any page, and styles defined in them are applied for each page that links to them.

You can mix internal and external style sheets, there is no limit on how many of them can be used for a single web page.

Great, now that we have learned the basic syntax of styling our web page elements and the concept of CSS declarations, let's learn some CSS rules in the *next lesson*.

See you there!