

Introduction to CSS

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Overview

CSS - Cascading Style Sheet

CSS (Cascading Style Sheets) is a language for styling the webpage. We can change the appearance and the layout of the webpage by using CSS. We can also define how a website's view changes in different screens like desktops, tablets, and mobile devices. CSS is not a programming language, like C++ or JavaScript..

CSS

CSS syntax

A CSS rule consists of a selector and a declaration block. The selector points to the HTML element you want to style. The declaration block contains one or more declarations separated by semicolons. Each declaration includes a CSS property name and a value, separated by a colon. Multiple CSS declarations are separated with semicolons, and declaration blocks are surrounded by curly braces.

Example

In this example all `<p>` elements will be center-aligned, with a red text color:

```
p {  
  color: red;  
  text-align: center;  
}
```

`p` is a selector in CSS (it points to the HTML element you want to style: `<p>`).
`color` is a property, and `red` is the property value
`text-align` is a property, and `center` is the property value

Select an element with the ID "id" and the class "class":

```
// selecting by id
#myId {
    color: red;
}
// selecting by class
.myClass {
    color: blue;
}
```

Corresponding HTML

```
<div>
  <strong id="myId" class="class">
    Foobar
  </strong>
  <strong class="class">
    Foobar
  </strong>
</div>
```

CSS also provides styling for different events in dom such as hover, active etc

```
#my-id:hover{
    background-color: #f5f5f5;
}
#my-id:active{
    background-color: #f5f5f5;
}
```

This is it for introduction to CSS, you can learn more about css from the given resources in the resources section below. You can also find other resources yourself.

Summary

It is a language designed to specify the overall appearance of webpages as well as the appearance and structure of the text and elements such as images and buttons on webpages and their layout. One must learn css to make his website look good and add better user experience to it. CSS is a highly powerful styling language and can handle many tasks that one would otherwise handle using javascript.

It supports Animations and Website responsiveness that are the most important components of modern day user experiences.

Resources

[Web.dev by Google](#)

[Free code camp](#)

[Learn CSS](#)

[Crash course for absolute beginners \(Video\)](#)

[W3Schools](#)