

# Introduction to CSS

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# Overview



Introduction to CSS

Types of CSS

Creating and Linking stylesheets

Using Rules and Properties

# Introduction to CSS


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- CSS stands for Cascading Style Sheets
- CSS describes how HTML elements are to be displayed on screen, paper, or in other media
- CSS saves a lot of work. It can control the layout of multiple web pages all at once
- External stylesheets are stored in CSS files

# Types of CSS

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# CSS Sources



- Embedded
- Inline
- External

# Types of CSS



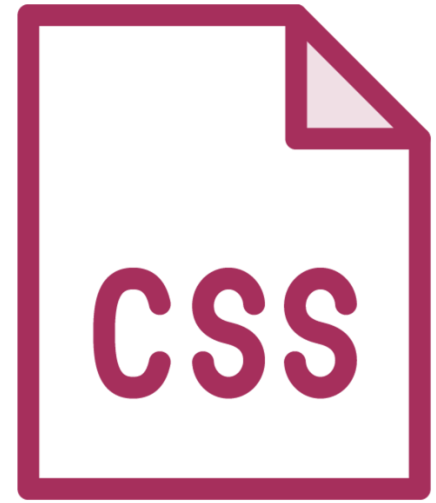
## Embedded

A `<style>` element contains a stylesheet within the head of an HTML file



## Inline

Styles are added as an HTML attribute



## External

Styles are stored in a separate CSS file

# Inline Styles

Applied using a `<style>` attribute

Only affect a single HTML element

Mixes presentation and structure



# Embedded Styles

Styles contained in a `<style>` element  
Specific to a single HTML file

# External Stylesheet

CSS is stored in its own file

Applied through a `<link>` element

Changes can be made in a single location

# Creating and Linking a Stylesheet

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# `<link>` attributes

rel  
type  
href

# Using Rules and Properties

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# CSS Rule Syntax

selector → p {  
color: red;  
}  
property value  
declaration

The diagram illustrates the syntax of a CSS rule. It shows a selector 'p' followed by an opening curly brace '{'. Inside the brace is the declaration 'color: red;', followed by a closing curly brace '}'. The word 'selector' is written in green to the left of the 'p', with an arrow pointing to it. Below the declaration, the word 'property' is written in purple under 'color', and the word 'value' is written in purple under 'red'. A bracket spans both 'property' and 'value', with the word 'declaration' written in teal below it. Two upward-pointing arrows connect 'property' to 'color' and 'value' to 'red'.

# References

<https://www.geeksforgeeks.org/css-introduction/>

<https://www.w3.org/TR/html401/present/styles.html>

<https://www.mygreatlearning.com/blog/css-tutorial/>

[https://www.tutorialspoint.com/css/what\\_is\\_css.htm](https://www.tutorialspoint.com/css/what_is_css.htm)

<https://www.javatpoint.com/css-tutorial>

<https://www.educba.com/introduction-to-css/>

<https://developer.mozilla.org/en-US/docs/Web/CSS>