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CSS - Introduction

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- CSS is the language we use to style an HTML document
- CSS describes how HTML elements should be displayed
- CSS stands for Cascading Style Sheets
- 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

CSS Solved a Big Problem

- HTML was NEVER intended to contain tags for formatting a web page!
- HTML was created to describe the content of a web page, like:
`<h1>This is a heading</h1>`
`<p>This is a paragraph.</p>`
- When tags like ``, and color attributes were added to the HTML 3.2 specification, it started a nightmare for web developers.
 - Development of large websites, where fonts and color information were added to every single page, became a long and expensive process.
- To solve this problem, the World Wide Web Consortium (W3C) created CSS.
 - CSS removed the style formatting from the HTML page!



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CSS Demo - One HTML Page - Multiple Styles!

- See it on w3school site
 - https://www.w3schools.com/css/css_intro.asp

Welcome to My Homepage

Use the menu to select different Stylesheets

Stylesheet 1

Stylesheet 2

Stylesheet 3

Stylesheet 4

No Stylesheet

Same Page Different Stylesheets

This is a demonstration of how different stylesheets can change the layout of your HTML page. You can change the layout of this page by selecting different stylesheets in the menu, or by selecting one of the following links:

[Stylesheet1](#), [Stylesheet2](#), [Stylesheet3](#), [Stylesheet4](#).

No Styles

Side-Bar

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CSS Tutorial

CSS HOME

CSS Introduction
CSS Syntax
CSS Selectors
CSS How To
CSS Comments
CSS Colors
CSS Backgrounds
CSS Borders
CSS Margins
CSS Padding
CSS Height/Width
CSS Box Model
CSS Outline
CSS Text
CSS Fonts
CSS Icons
CSS Links
CSS Lists
CSS Tables

CSS Display
CSS Max-width
CSS Position
CSS Z-index
CSS Overflow
CSS Float
CSS Inline-block
CSS Align
CSS Combinators
CSS Pseudo-class
CSS Pseudo-element
CSS Opacity
CSS Navigation Bar
CSS Dropdowns
CSS Image Gallery
CSS Image Sprites
CSS Attr Selectors
CSS Forms
CSS Counters
CSS Website Layout
CSS Units
CSS Specificity

CSS Specificity
CSS !important
CSS Math Functions

CSS Advanced

CSS Rounded Corners
CSS Border Images
CSS Backgrounds
CSS Colors
CSS Color Keywords
CSS Gradients
CSS Shadows
CSS Text Effects
CSS Web Fonts
CSS 2D Transforms
CSS 3D Transforms
CSS Transitions
CSS Animations
CSS Tooltips
CSS Style Images
CSS Image Reflection
CSS object-fit

CSS object-position
CSS Masking
CSS Buttons
CSS Pagination
CSS Multiple Columns
CSS User Interface
CSS Variables
CSS Box Sizing
CSS Media Queries
CSS MQ Examples
CSS Flexbox

CSS Responsive

RWD Intro
RWD Viewport
RWD Grid View
RWD Media Queries
RWD Images
RWD Videos
RWD Frameworks
RWD Templates

And continue on w3school's site

- https://www.w3schools.com/css/css_syntax.asp

CSS References

At W3Schools you will find complete CSS references of all properties and selectors with syntax, examples, browser support, and more.

CSS Properties

CSS Selectors

CSS Browser Support

CSS Functions

CSS Animatable

CSS Aural

CSS Web Safe Fonts

CSS Units

Px to Em Conversion

CSS Colors

CSS Default Values

CSS Entities