CSS

[AN HTML PAGE STRUCTURE 1](#_Toc61388105)

[THE DOCTYPE ELEMENT 1](#_Toc61388106)

[THE HTML ELEMENT 1](#_Toc61388107)

[THE HEAD ELEMENT 1](#_Toc61388108)

[THE BODY ELEMENT 2](#_Toc61388109)

figma

Academind: JS Data Structures, algorithms

scrum agile

css selector game

flex

Google: css tricks, css grid tricks; css modules, styled components, etc.

Frontend Masters

# CSS INTRODUCTION

|  |  |
| --- | --- |
| About CSS | CSS stands for Cascading Style Sheets and defines the visual presentation of HTML elements. Every CSS document is a collection of CSS rules. Every rule contains a selector (an identifier of the HTML element/s to be styled) and one or more declarations. |
| CSS Syntax | selector {  property: value; } |

# ADD CSS TO AN HTML PAGE

|  |  |
| --- | --- |
| External Style Sheet (in <head>) | <link rel="stylesheet" type="text/css" href="site.css"> <!-- for several pages --> |
| Internal Style Sheet  (in <head>) | <style>...</style> <!-- when a single document has a unique style --> |
| Inline Style | <p *style*="color:red">Some red text</p> |
| Style Inheritance | When the same element is styled differently, the last style overwrites the previous ones. In increasing order of priority: external styles, internal styles, inline styles, !important. |

# PRIMARY SELECTORS

|  |  |
| --- | --- |
| Select by Tag | h1 { /\* applies to all <h1> elements \*/  background-color: blue;  text-align: center;  } |
| Select by ID | nav#top { /\* applies to nav element with id "top" \*/  background-color: blue; } |
| Select by Class | nav.top { /\* applies to all nav elements with class "top" \*/  background-color: blue; }  .code { /\* applies to all elements with class "code" \*/  font-family: Helvetica, sans-serif; } |
| Select by Pseudo-Class | a:hover { /\* applies to all <a> elements when the user's mouse is over them \*/  text-decoration: underline;  } |

# NESTED SELECTORS

|  |  |
| --- | --- |
| Descendant | article p {  padding: 10px; } |
| Adjacent Sibling | p + p {  font-style: italic; } |
| Direct Child | div > p {  font-style: italic; } |
| Multiple Classes | .top.bottom {  font-style: italic; } |
| Attribute Selectors | a[title="menu"] {  text-decoration: none; } |
| Multiple Selectors | h1, h2, p {  background: yellow; } |

# PSEUDO SELECTORS

|  |  |
| --- | --- |
| Hover |  |

# CSS PROPERTIES

|  |  |
| --- | --- |
| Background | background-color: #fff;  background-image: url(../image.jpg);  background-repeat: repeat | repeat-x | repeat-y | no-repeat;  background-position: top left; |
| Text | color: #000;  text-align: left | right | center | justify;  text-decoration: underline | overline | line-through | none;  text-transform: uppercase | lowercase | capitalize;  text-indent: 50px; |
| Font | font-family: Verdana, Arial, sans-serif;  font-style: italic | normal;  font-size: 16px;  font-weight: bold | normal; |
| Border | border-style: solid | dotted | dashed | double;  border-color: #C00;  border-width: 2px; |
| Margin | margin-top: 10px;  margin-right: 10px;  margin-bottom: 10px;  margin-left: 10px; |
| Padding | padding-top: 10px;  padding-right: 10px;  padding-bottom: 10px;  padding-left: 10px; |
| List Styles | list-style-type: none | circle | disc;  list-style-position: inside | outside;  list-style-image: url('../image'); |