

CSS PART ONE GUIDE

This outline is a work-in-progress, and may change in the future – medatech@medasf.org

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CSS

CSS is the second part of a web page design, it stands for Cascading Style Sheets and is used to describe visual elements of the HTML elements on a web page. CSS cannot be used alone, it needs a web page to “exist”, therefore it must be attached to an HTML document.

CSS SYNTAX

CSS has a syntax that is as simple as HTML. CSS code has two main parts:

- ➔ **CSS Target** The CSS Target is the HTML element that will have the CSS Rule(s) applied to. This is generally the name, the ID, or the Class of an HTML element, without angle brackets (< and >).
- ➔ **CSS Ruleset** The CSS Ruleset is a collection of CSS Rules that describe how the element that is targeted should look like. The CSS Ruleset wraps around multiple CSS Rules using the curly braces ({ and }). A CSS Rule has two parts (key and value pair) as follows:
 - ➔ **CSS Property** This is the name of the property that describes the design property. A colon splits this and the next part.
 - ➔ **CSS Value** This is the value of the property. After the CSS Value, there is a semi-colon to end the CSS Rule.

CSS SYNTAX EXAMPLE

This CSS example targets all paragraph elements on the web page and converts the text color to red.

```
p {  
    color: red;  
}
```

This CSS example targets all heading level 1 elements on the web page and makes the text bold.

```
h1 {  
    font-weight: bold;  
}
```

This CSS example targets all images and gives them a height of 200 pixels and a width of 200 pixels.

```
img {  
  width: 200px;  
  height: 200px;  
}
```

COMMON CSS PROPERTIES

Type	Property Name	Example Values		
Background	background-color	green color name	#FFD9D9 hexadecimal value	rgb(122,122,122) RGB value
Background	background-image	src("file_path_to_image")		
Text	color	green color name	#FFD9D9 hexadecimal value	rgb(122,122,122) RGB value
Text	font-family	"Arial" font name (spelled exactly)		
Text	text-decoration	underline	overline	line-through
Text	font-size	12px pixels	1em ratio	medium absolute value
Text	text-align	left	center	right
Containers	border-width	1px pixels		
Containers	border-style	solid	dashed	dotted
Containers	border-color	green color name	#FFD9D9 hexadecimal value	rgb(122,122,122) RGB value
Spacing	margin-left	12px pixels	10% percentage based on parent	
Spacing	padding-top	12px pixels	10% percentage based on parent	
Spacing	width	12px pixels	10% percentage based on parent	
Spacing	height	100px	50%	

NOTE: Do not copy text with quotes as these are fancy quotes and will break your code!

NOTES
