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Introduction to Cascading Style Sheets

and feel of their web pages. A style sheet allows	the website developer to specify the size, font and color of text for rmation in each page. Style sheets separate the style (or look and content and ordering of information).
documents. However, students with disabilities can choose to apply their own style sheets to do	opers to preserve the desired fonts, colors, and text sizes of HTML can also benefit from sites designed using CSS. Individual users cuments, overriding any other style sheets. For example, a person website to display text in yellow on a black background, if those
508 accessibility guidelines stipulate that, for a p	olve all accessibility problems. In fact, both the WC3 and Section age to be accessible, the content must be easily understood with ing an earlier Web browser that doesn't support style sheets, such
Defining External Styles	
	lay text in a given font style, color and size was to use the ould make the text appear as "Futura Extra Bold" in 24-point size red
Code Res	
<pre>Th</pre>	is is some sample
some sample text.	it.
Additionally, developers once used the and	<i> tags to display text as bold or italic. For example:</i>
<pre>This to fonts.</pre>	ext is in bold and <i>italic</i>
be used on newly created/designed web pages.	and <i> tags have been deprecated, meaning that they should not Also, the tag was very difficult to use, because it had to be s made it difficult to change the look and feel of a website, because</i>
☐ Instead of these deprecated tags, develor font information across multiple pages, instead of	opers should use CSS to define an "external" style sheet for setting f resorting to the deprecated tags.
	e with a ".css" extension (for example, "style.css". Styles are ("p", "h1", etc.) and then placing all of the style preferences within







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	To build a style she	eet, start with a text file	e with a ".css	" extension (for ex	xample, "style.css	". Styles are
defined	within the ".css" file	by specifying the tag	("p", "h1", et	c.) and then placi	ng all of the style	preferences within
curly-br	ackets ("{ }").					

☐ The following examples demonstrate how to achieve the same look and feel of the above example using correctly formatted style sheet definitions:

Style Sheet	HTML Coding	Result
H1 {font-family:"Arial";	<h1>This is the title</h1>	This is the title of
font-size:"150%";	of the page.	the page.
color:"black"}		the page.
	This is the	T1::::::::::::::::::::::::::::::::::::
p {font-family:"Comic	content of the	This is the content of
Sans "; font-	paragraphs in the	the paragraphs in the
size:"100%";	page.	page.
color:"green"}		. 3

Each style preference is separated using a semicolon (;), so developers can define many different types of styles. The above example establishes the look and feel for all text that appears within the "" tag. Additionally, these examples use relative font sizing rather than fixed sizing; relative sizing is more accessible because it allows the user to dictate the size of the text more easily.

■ Using Colors in CSS

	n the example above, the colors are described using words such as "black" and "gree	n". This is not the
best way	to describe colors in CSS files because the use of "built in" colors like "red", "blue", "blue	olack", etc., is
deprecate	ed.	

	The new standard defines each color with respect to its RGB (red, green, and blue) components. As a
result,	the first value represents the amount of red to use (0-255), the second value represents the green (0-255)
and the	e third value represents the blue (0-255). The numeral 0 represents none of the constituent color, whereas
255 rep	presents 100% of the constituent color.

	Thus if we say RGB(255,0,0) we're creating pure red; if we say RGB(0,255,0) we're creating pure green; if
we say	RGB(0,0,255) we're creating pure blue. We can mix and match values too, so RGB(128,0,128) would be
equal h	alf tones of red and blue, creating a light purple color.

Resources

This document only summarizes the creation of Cascading Style Sheets. For much more information, visit the following websites:

- World Wide Web Consortium: Cascading Style Sheets: http://www.w3c.org/Style/CSS/
- □ W3C's CSS Validation Service: http://jigsaw.w3.org/css-validator/
- □ WebMonkey Stylesheet Guide: http://hotwired.lycos.com/webmonkey/reference/stylesheet_guide/



