

# Using HTML to create a very basic Web Site

This is a simple tutorial on HTML programming. It is intended to get you started on HTML programming to create a Web Site. After this tutorial you will learn how to use CSS programming to properly Format your web site. And then you will learn JavaScript to add even more features to your Web Site.

There are several tools and resources available on the Internet today with more information to help you design even more features in a web site.



# Create your Web Site

- You have to create your own Web Site using HTML programming. On the topic of your choice.
- Save at least 2 text files with your tags in your folder.
- Your Web Site should have the following elements; (minimum requirements per page)
- Titles (centered), pictures (centered), several links. Also twenty-four lines of text, (your own). Embedded video(s) and music.



# Basic HTML tags

Type the tags below in a simple wordprocessor (wordpad on a PC, Textedit on a Mac, Gedit on Ubuntu and save your file with an .html extension.

```
<html>
```

```
<body>
```

```
<center>
```

```
<h2>To insert a title</h2>
```

```
</center>
```

```
<br>
```

```
<p>To insert several lines of text</p>
```

```
</body>
```

```
</html>
```

Next, open your file in your Web browser to view it. Double-click on it.... it will work only with .html



# How to add images

- `<img src=picturename.jpg>`
- `<img src=http://www.apple.com/pictures/  
otherpicturename.jpg>`
- `<img src=photo.gif height=300 width=300>`

Use one of the tags above to insert a picture in your web page. The image file has to be saved in the same location as your .html file



# How to add links

- `<a href=http://www.hrhs.rsb.qc.ca>HRHS</a>`
- `<a href=fileonmycomputer.htm>Go to my other page</a>`
- `<a href=http://www.linux.org><img src=tux.jpg></a>`

Use the first example above to create a link to a page hosted on a web server. Use the second example above to link to a file saved on your computer.

The third example is used to turn a picture into a link, by combining the image tag with the link tag.



# How to add colors

- `<body bgcolor=black text=#FFFF00 >`The page background color would be all black and the text would be yellow for the whole page.
- `<font color=red>`only the text within these tags would be red`</font>`
- Colors are defined by a word or an hexadecimal code. See last page for codes.



# How to modify your text.

- `<b>` to make your text bold`</b>`
- `<u>` to underline your text`</u>`
- `<i>` you guessed it, italic text`</i>`
- `<font size=2>`Use a number between 1 and 5 to modify the size of the text`</font>`
- `<font color=blue>`To change the color of your text to blue`</font>`



# About HTML5 Audio and Video

If you embed audio or video in your website, you should use HTML5.

HTML5 supports audio and video playback natively in the browser, without requiring a plug-in. With HTML5, you can add media to a webpage with just a line or two of code. The HTML5 media elements provide simple fallback for browsers that still need to use plug-ins, so you can update your website to HTML5 today and still be compatible with older browsers.

When you use HTML5, you can create your own customized media controllers for rich interactivity using web-standard CSS and JavaScript.

The HTML5 `<audio>` and `<video>` tags make it simple to add media to your website. Just include the `<audio>` or `<video>` element, use the `src` attribute to identify the media source, and include the `controls` attribute.



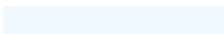


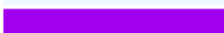













































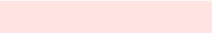





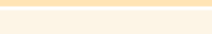

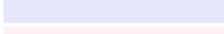














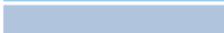










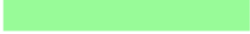

















```
<video src="Mymovie.mp4" controls> </video>
```

There are no plug-ins to install or configure. The audio or video downloads and plays in your webpage with built-in controls.

To get the most out of HTML5 audio and video, you should Eventually learn to create the HTML media elements, then learn how to control them using JavaScript, and finally learn to apply CSS styles to media elements and modify styles dynamically using JavaScript.



# Color Codes

RED				GREEN				BLUE			
	bisque	#FFE4C4		aqua	#00FFFF			aliceblue	#F0F8FF		
	coral	#FF7F50		aquamarine	#7FFFD4			azure	#F0FFFF		
	crimson	#DC143C		chartreuse	#7FFF00			blue	#0000FF		
	darkorange	#FF9C00		darkgreen	#006400			blueviolet	#8A2BE2		
	darkred	#8B0000		darkkhaki	#BDB76B			cadetblue	#5F9EA0		
	darksalmon	#E9967A		darkolivegreen				cornflowerblue	#6495ED		
	deeppink	#FF1493		darkseagreen	#8FBC8F			cyan	#00FFFF		
	firebrick	#B22222		forestgreen	#228B22			darkblue	#00008B		
	hotpink	#FF69B4		green	#008000			darkcyan	#008B8B		
	indianred	#CD5C5C		greenyellow	#ADFF2F			darkmagenta	#8B008B		
	lightcoral	#F08080		honeydew	#F0FFF0			darkorchid	#9932CC		
	lightpink	#FFB6C1		lawngreen	#7CFC00			darkslateblue	#483D8B		
	lightsalmon	#FFA07A		lightgreen	#90EE90			darkviolet	#9400D3		
	maroon	#800000		lightseagreen	#20B2AA			deepskyblue	#00BFFF		
	mediumvioletred	#C71585		lime	#00FF00			dodgerblue	#1E90FF		
	mistyrose	#FFE4B5		limegreen	#32CD32			fuchsia	#FF00FF		
	moccasin	#FFE4B5		mediumaquamarine	#66CDAA			indigo	#4B0082		
	oldlace	#FDF5E6		mediumseagreen	#3CB371			lavender	#E6E6FA		
	orange	#FFA500		mediumspringgreen	#00FA9A			lavenderblush	#FFF0F5		
	orangered	#FF4500		mediumturquoise	#48D1CC			lightblue	#ADD8E6		
	palevioletred	#DB7093		mintcream	#F5FFFA			lightcyan	#E0FFFF		
	papayawhip	#FFEDD5		olive	#808000			lightskyblue	#87CEFA		
	peachpuff	#FFDAB9		olivedrab	#6B8E23			lightsteelblue	#B0C4DE		
	peru	#CD853F		palegreen	#98FB98			mediumblue	#0000CD		
	pink	#FFC0CB		paleturquoise	#AFEEEE			mediumorchid	#BA55D3		
	red	#FF0000		seagreen	#2E8B57			mediumpurple	#9370DB		
	rosybrown	#BC8F8F		springgreen	#00FF7F			mediumslateblue	#7B68EE		
	saddlebrown	#8B4513		teal	#008080			midnightblue	#191970		
	salmon	#FA8072		turquoise	#40E0D0			orchid	#DA70D6		
	sandybrown	#F4A460		yellow	#FFFF00			plum	#DDA0DD		
	sienna	#A0522D		yellowgreen	#9ACD32			powderblue	#B0E0E6		
	tan	#D2B48C						purple	#800080		
	tomato	#FF6347						royalblue	#4169F1		
	wheat	#F5DEB3						skyblue	#87CEEB		
								slateblue	#6A5ACD		

The colors above are only a small sample of the millions of shades available.