

# Simple CSS

Controlling Styles on Your Site  
Easily



# What is CSS?

- ▶ CSS is a way you can control how your site looks using a simple code rather than having to adjust each object on the page.
  - Font
  - Colors
  - Links
  - Image format
  - Etc.

## Why Use CSS?

- ▶ It allows you to set up how some parts of your site will look and you will never have to change them again.
- ▶ It also lets you set the style of the site in one place rather than on every page.
- ▶ It uses less code in your files meaning the pages load faster.

# Challenges of CSS

- ▶ This isn't for the faint of heart.
  - Not for everyone
- ▶ There is a learning curve.
  - It looks harder than it actually is.
- ▶ There are many, many different things you can change.
  - This panel wants to focus on very basic, easy changes.

# External Stylesheet

- ▶ We are going to save the style in an external sheet which will be referenced by the page.
  - This reduces the amount of code on the page and makes it easier for you to add CSS to each page.
- ▶ Create a file called styles.css and save it in the same folder as your home page.
- ▶ On your main page, put the following line of code inside the head tag.
  - `<link rel="stylesheet" type="text/css" href="styles.css">`
- ▶ If you have subfolders, you will need to use the following on those pages...
  - `<link rel="stylesheet" type="text/css" href="../styles.css">`

# Format of Styles.css

- ▶ The following code needs to be at the top of styles.css:
  - `@charset "utf-8";`
- ▶ We are only going to focus on `body`, `html`, `p`, `h1`, `hr` and `img`, but you can do much more.

# Site Font

- ▶ This is how you change the font for the whole site.
  - Please note that if you have code around your font in your html, it may take precedence over this style.
  - `html, body { font-family: Arial, sans-serif; font-size: 12px; color: #000000; }`
- ▶ This changes the font, size and color.

## Paragraph (p)

- ▶ You may want your content to look different from the font on the rest of the site.
  - `p { font-family: Arial, sans-serif; font-size: 12px; color: #bbbbbb; }`
- ▶ This changes the font, size and color.
  - The only change from the previous page is the color.
  - Get used to setting up the font twice in case you decide to change the font site wide, but want to keep the font the same in paragraphs.

# Headers (h1)

- ▶ People frequently want the h1 tags to look different from the content.
  - `h1 { font-family: Times New Roman, serif; font-size: 18px; color: #000000; font-weight: bold; }`
- ▶ This will make the font Times New Roman and also change the color and bold the font.

## Separator Lines (hr)

- ▶ You can also control separator lines.
  - `hr { background-color: #eeeeeee; height: 3px; }`
- ▶ This changes the color of the lines and also thickness.

# Images

- ▶ You can tell images to be a specific size, have borders, have spacing, etc.
  - `img { border: 1px solid #ff4455; margin: 20px; width: 150px; float: right; }`
- ▶ This will put a red border around the image.
- ▶ This will put a margin of 20px around the border.
- ▶ This will resize the height proportionally.
  - This will also ignore the width set in the code.
- ▶ This will put the image to the right of the content and allow the text to flow around it.

## The TXGenWeb Project

Shirley Cullum, native Texan and all around good person, is the crux which holds together the TXGenWeb Project. (Big T, X, G & W) Without her, all life, as we know it would end and the world be a far less happy place to live.

The TXGenWeb Project is a grass-roots all volunteer genealogical/historical effort. Each county webpage is commercial free and contains useful tips, online databases particular to that area, volunteer lookups, surname queries, descriptions of local libraries, historical background information, contact information, and much more. All information is free. Unlike Shirley. She happily takes donations of cash or check preferring gold bars.

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### The Beginning

Shirley was born in 1960 in Texas to a family of millionaires who owned a unicorn ranch. Her happy childhood was spent caring for these majestic creatures before she met her husband and longtime partner whose secret identity was Superman. The two of them fought crime until they had their seven children: Liesl, Louisa, Friedrich, Kurt, Brigitta, Marta and Gretl. Then they formed a singing group which traveled around the world before coming back to Texas and taking over the family ranch.

### The Later Years

When Shirley was just 30 years of age, she had already turned down offers of marriage from Frank Sinatra, Burt Lancaster, Robert Redford and Burt Reynolds. But she stayed true to her husband and took hiding in libraries from thousands of male admirers. It was then she took up genealogy as a hobby at first, but it soon became a passion.

Throughout her studies, she found she was related to every royal family in Europe and a few in Scandanavia. She soon realized that her lineage made her 20th in line for the British throne and one of the most connected people in the northern hemisphere. This did little to turn back the admirers and they increased to over 50,000 before her husband, using his mind control, managed to brainwash them. Many of them still walk to streets of Italy, TX looking for a long lost pin up. Little do they realize the pin up is actually Shirley.



### Today and the Future

With the male admirers at bay, Shirley was free to emerge from the stacks and see sunlight once again, but she has never truly tanned since those years. Today, she spends time as den mother to a large group of genealogists and amassing thousands of gold bars which she keeps in a hidden lair out in the country.

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This is an example of a line which is not in a paragraph tag. It defaults to the style set for the body, html.

# The Code

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>TXGenWeb</title>
<link rel="stylesheet" type="text/css" href="styles.css">
</head>
<body>
<h1>The TXGenWeb Project</h1>

<p>Shirley Cullum, native Texan and all around good person, is the crux which holds together the TXGenWeb Project. (Big T, X, G & W) Without her, all life, as we know it would end and the world be a far less happy place to live.</p>
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</body>
```

## In Conclusion

- ▶ The possibilities are endless.
- ▶ It may take you time to set it up on your existing site, but in the future, you will only have to change the style in one place and it will take effect immediately.
- ▶ You can also add css to the page rather than an external stylesheet, but this will not allow you to change the entire site in one place.
- ▶ There are much more complex styles you can make if you want to learn more.
  - You can search online for css help.
  - <http://www.w3.org/Style/Examples/011/firstcss>