

CSS External Files and Images

You can make your code even more streamlined by attaching a CSS stylesheet to your HTML page. Instead of placing your CSS code inside the <style> tag of your page you attach a stylesheet to your page. The style sheet is a .css file. It can be made in any text editor or you can create a new stylesheet in DreamWeaver. The stylesheet (.css) file is attached using <link> inside your <head>.

Example

```
<head>
<link rel="stylesheet" type="text/css" href="mystyle.css">
</head>
```

Here is how the "mystyle.css" could look. Note there is not <style> tag.

```
body {
    background-color: lightblue;
}

h1 {
    color: navy;
    margin-left: 20px;
}
```

Background Image Properties

Images are an important part of your webpage. W3 schools provides a detailed outline of use. Keep in mind a background image is meant to enhance your page – **ensure it does NOT make it difficult to read text**. Some key properties of a background image include:

```
body {
    background-image: url("img_tree.png");
    background-repeat: no-repeat;
    background-position: right top;
    background-attachment: fixed;
    background-size: cover;
}
```

background-repeat Property Values

repeat	The background image will be repeated both vertically and horizontally. This is default
repeat-x	The background image will be repeated only horizontally
repeat-y	The background image will be repeated only vertically
no-repeat	The background-image will not be repeated

background-position Property Values

left top , left center, left bottom right top, right center, right bottom center top, center center, center bottom	If you only specify one keyword, the other value will be "center"
x% y%	The first value is the horizontal position and the second value is the vertical. The top left corner is 0% 0%. The right bottom corner is 100% 100%. If you only specify one value, the other value will be 50%. . Default value is: 0% 0%
xpos ypos	The first value is the horizontal position and the second value is the vertical. The top left corner is 0 0. Units can be pixels (0px 0px) or any other <u>CSS units</u> . If you only specify one value, the other value will be 50%. You can mix % and positions

background-attachment Property Values

scroll	The background scrolls along with the element. This is default
fixed	The background is fixed with regard to the viewport
local	The background scrolls along with the element's contents
initial	Sets this property to its default value.
inherit	Inherits this property from its parent element.

Exercise – Create a new file called style1.css. Alter the following css properties.

- body (background-color; background image centered in middle; margins; font color; border)
- h1 (font colour; underline; left align)
- h2 (font colour; background colour; right align)
- p (left align, font size, font color, background image –small, repeated)

Attach your style1 sheet to your HTML exercise 3.html.