

Working with images etc... - Mozilla Firefox

Working with images etc... x +

www.pgrocer.net/C644/HTML5/images5/entriimages51.html

Source of http://www.pgrocer.net/C644/HTML5/images5/entriimages51.html - Mozilla Firefox

To validate alt is required. Alt gives an alternative to seeing the image.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Working with images etc...</title>
6 </head>
7 <body>
8 <p>This is CIS!</p>
9 <p>
10 This is the  image of CIS I created using Word!
11 </p>
12 <p>
13 This is the picture again 
14 </p>
15 <p>
16 This is the image aligned to the top 
17 </p>
18 <p>
19 This is the image aligned in the middle 
20 of the screen.
21 </p>
22 </body>
23 </html>
```

This is CIS!

Committee Information Systems Department

This is the image of CIS I created using Word!

Committee Information Systems Department

This is the image aligned to the top

Committee Information Systems Department

This is the image aligned in the middle of the screen.

Note that I changed the size of the image using width and height. This is not a good technique - it is better to go into something like paint and resize the image. The problem with resizing when you load is it slows down the page load.

The first image has text after the image
The second image has text before and after the image.
Notice with both the text aligns to the bottom of the image.

Desktop 11:53 AM 2/9/2015

Working with images etc... - Mozilla Firefox

www.pgrocer.net/Cis44/HTML5/images5/entriimages51.html

Source of http://www.pgrocer.net/Cis44/HTML5/images5/entriimages51.html - Mozilla Firefox`1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Working with images etc...</title>
6 </head>
7 <body>
8 <p>This is CIS!</p>
9 <p>
10 This is the image of CIS I created using Word!
11 </p>
12 <p>
13 This is the picture again
14 </p>
15 <p>
16 This is the image aligned to the top
17 </p>
18 <p>
19 This is the image aligned in the middle
20 of the screen.
21 </p>
22 </body>
23 </html>`

This is the picture again

This is the image aligned to the top

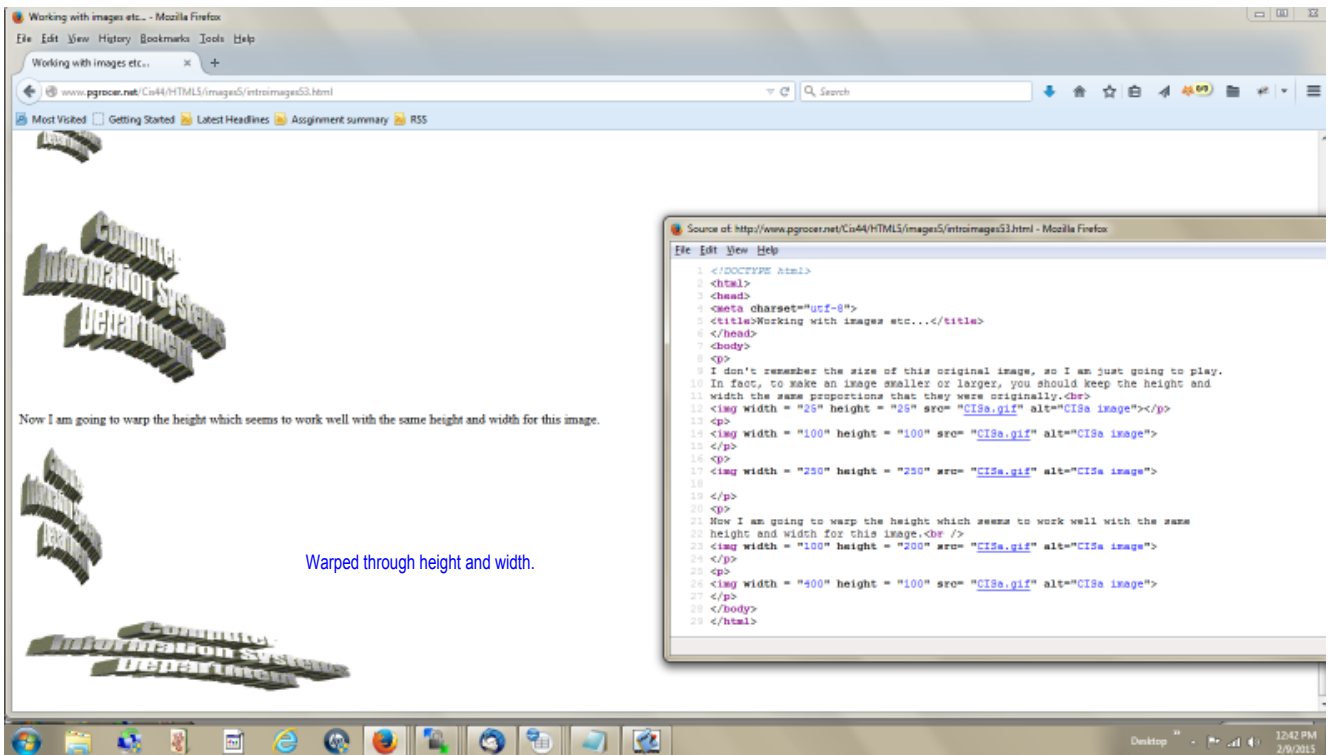
Using vertical-align to top as style aligns the text to the top. And below the vertical-align middle aligns the text to the middle of the image.

This is the image aligned in the middle of the screen.

Desktop 11:57 AM 2/9/2015

The screenshot shows a Mozilla Firefox browser window with the address bar displaying `www.pgprocet.net/Cis44/HTML5/images5/entraimages53.html`. The page content includes a paragraph: "I don't remember the size of this original image, so I am just going to play. In fact, to make an image smaller or larger, you should keep the height and width the same proportions that they were originally." Below this is a 3D rendered text image that says "COUNTING WATERPROOF SYSTEMS BEHAVIOR". A blue text annotation reads: "Changing image size - again using height and width is not the best way to go. This does validate." Below the image is another paragraph: "Now I am going to warp the height which seems to work well with the same height and width for this image." An "Source of" window is open, showing the following HTML code:


```
1 </DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Working with images etc...</title>
6 </head>
7 <body>
8 <p>
9 I don't remember the size of this original image, so I am just going to play.
10 In fact, to make an image smaller or larger, you should keep the height and
11 width the same proportions that they were originally.<br>
12 <img width = "25" height = "25" src= "CISa.gif" alt="CISa image"></p>
13 <p>
14 <img width = "100" height = "100" src= "CISa.gif" alt="CISa image">
15 </p>
16 <p>
17 <img width = "250" height = "250" src= "CISa.gif" alt="CISa image">
18 </p>
19 <p>
20 <p>
21 Now I am going to warp the height which seems to work well with the same
22 height and width for this image.<br />
23 <img width = "100" height = "200" src= "CISa.gif" alt="CISa image">
24 </p>
25 <p>
26 <img width = "400" height = "100" src= "CISa.gif" alt="CISa image">
27 </p>
28 </body>
29 </html>
```



Working with images etc... - Mozilla Firefox

www.pgproc.net/Civ44/HTML5/images5/entrimages53a.html

I don't remember the size of this original image, so I am just going to play. In fact, to make an image smaller or larger, you should keep the height and width the same proportions that they were originally.

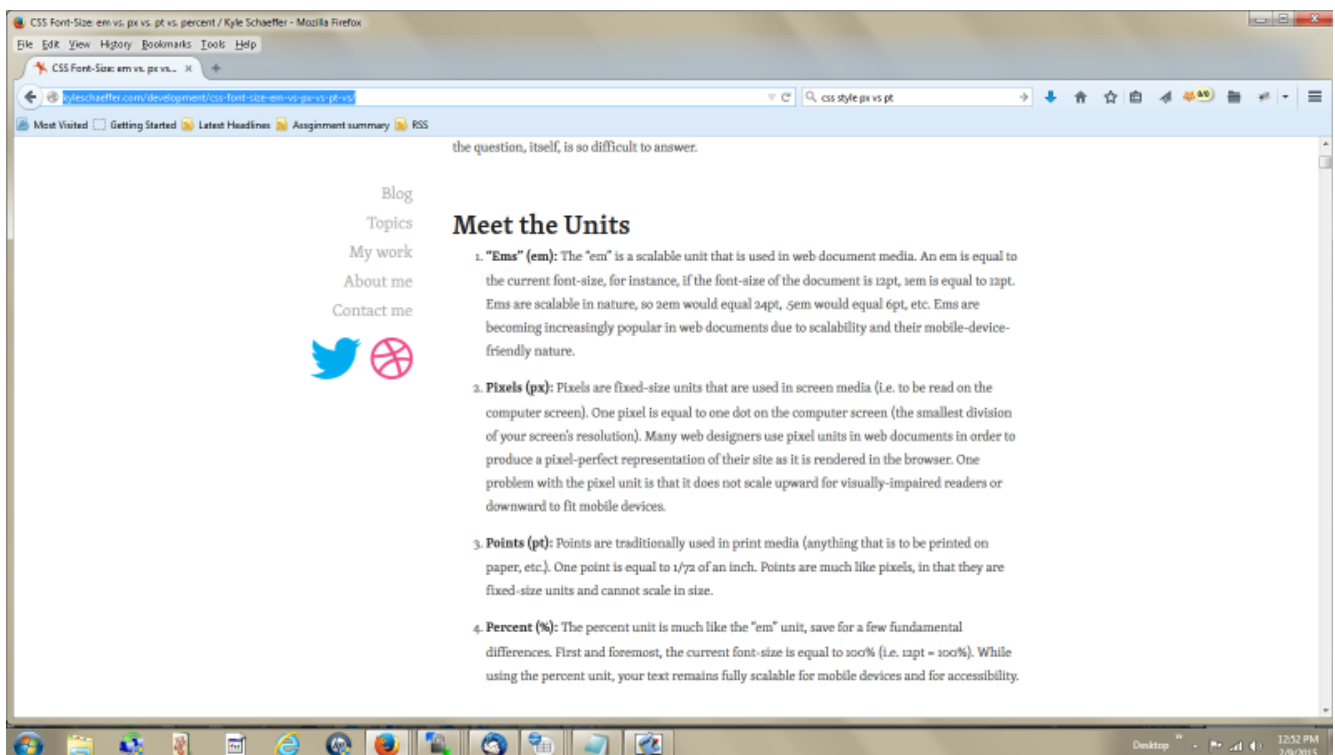


```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Working with images etc...</title>
6 </head>
7 <body>
8 <p>
9 I don't remember the size of this original image, so I am just going to play.
10 In fact, to make an image smaller or larger, you should keep the height and
11 width the same proportions that they were originally.<br>
12 
13 </p>
14 <p>
15 
16 
17 </p>
18 <p>
19 
20 
21 </p>
22 </body>
23 </html>
```

Showing the difference between px and pt

Desktop 12:47 PM 2/9/2015





Working with images etc... - Mozilla Firefox

File Edit View History Bookmarks Tools Help


Working with images etc... x +

www.pgrocer.net/C644/HTML5/images5/introimages54.html


css style px vs pt

Most Visited Getting Started Latest Headlines Assignment summary RSS

Now let's use this image as a means of navigating - I will obviously use a small image for this...



To get rid of the border around the image, I can do the following:



The problem with this is that it only works well when using an an...
Note that src and alt are the only required tags for img and in fact

Note that I have an <a href to go to my page but I want to use an image to click on rather than words. So after the <a href...> I put in an image rather than words and then finally close the . When I put in the image I can style it or I could style it in the head. I wanted to style them separately so I included the style in the body.

Source of http://www.pgrocer.net/C644/HTML5/images5/introimages54.html - Mozilla Firefox

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Working with images etc...</title>
6 </head>
7 <body>
8 <div id="top"></div>
9 <p>Now let's use this image as a means of navigating - I will obviously use
10 a small image for this...
11 <br>
12 <a href="http://www.pgrocer.net"></a>
13 </p>
14 <p>
15 To get rid of the border around the image, I can do the following!
16 <br>
17 <a href="http://www.pgrocer.net"></a>
18 <br>The problem with this is that it only works well when using an arrow or
19 something that makes it clear that this is for the user to press.<br>
20 Note that src and alt are the only required tags for img and in fact it is better to size an image outside
21 of your web page and load the correctly sized image rather than use width and height.
22 </p>
23 </body>
24 </html>

```

Desktop 1:38 PM 2/9/2015

The screenshot shows a Mozilla Firefox browser window with the address bar displaying `www.pgproc.net/Cs44/HTML5/images5/centeralimages.html`. The page title is "Working with images etc...". The main content area has the heading "Centering images" and the text "These are two images that I am going to center." followed by two 3D text images: "Computer Information Systems" and "Department". Below this, it says "This is another image that has been centered." followed by another 3D text image: "Department of Information Systems".

On the right side, a source code window is open, showing the following HTML and CSS code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Working with images etc...</title>
6 <style>
7   img
8   {
9     display: block;
10    margin-left: auto;
11    margin-right: auto;
12  }
13 </style>
14 </head>
15 <body>
16 <h1>Centering images</h1>
17 <p>These are two images that I am going to center.</p>
18 
19 <p> This is another image that has been centered.</p>
20 
21 </body>
22 </html>
```

A blue annotation "CSS to center my images." is placed next to the CSS code in the source window.

Working with images etc... - Mozilla Firefox


Working with images etc... x +

www.pgrocet.net/Cs44/HTML5/images5/centeredimage.html

Most Visited Getting Started Latest Headlines Assignment summary RSS


Centering images

This is an image that has been given the class of `regular`. I am now going to use that class to center the image.



I am jumping ahead here and using CSS classes which we will be discussing when we discuss more CSS. What I did was inside the `` tag of the first image, I wrote `class = "regular"` and then up in the CSS I used `.regular` and entered the CSS to center the image. The dot in front of `regular` tells CSS that it is a class and that the CSS should be applied to things in the body that have that class. So the image is centered. The other image does not have the class, so it is not centered.

This is an image that has not been centered.

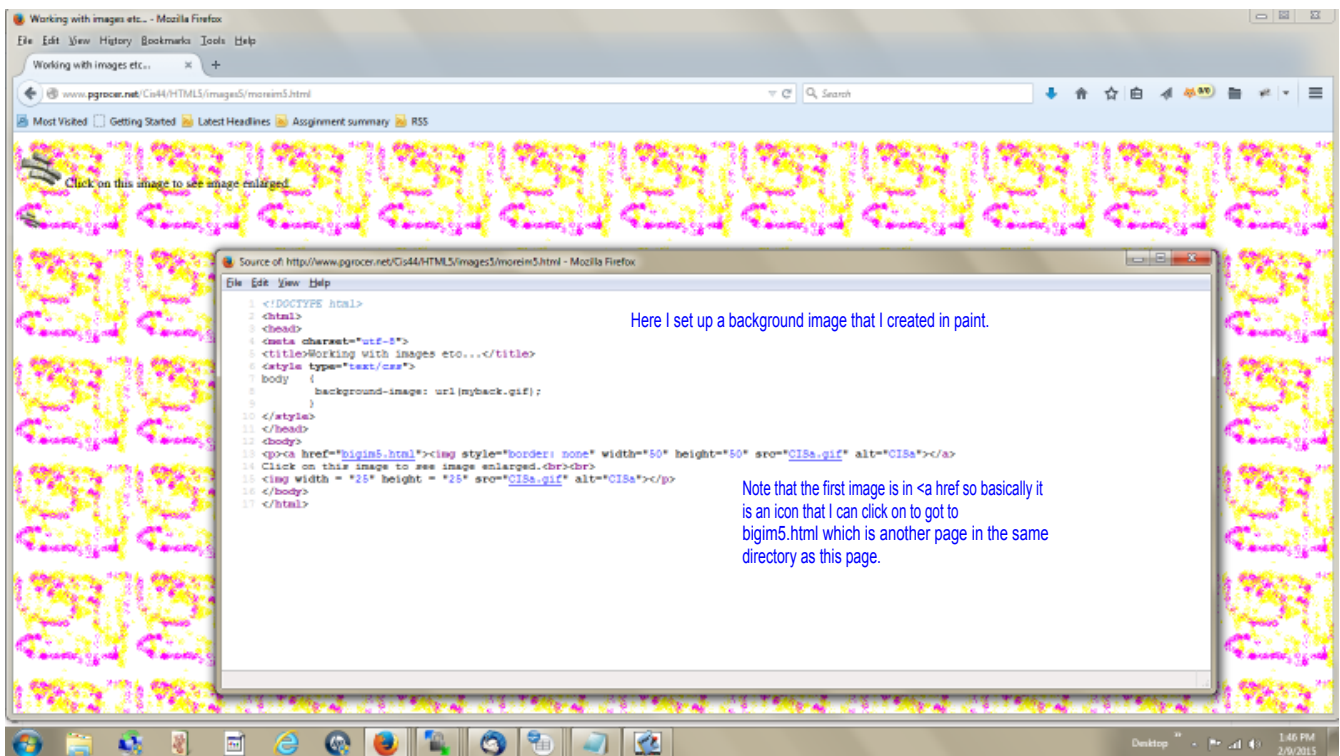


Source of http://www.pgrocet.net/Cs44/HTML5/images5/centeredimage.html - Mozilla Firefox

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Working with images etc...</title>
6 <style>
7 .regular
8 {
9     display: block;
10    margin-left: auto;
11    margin-right: auto;
12 }
13 </style>
14 </head>
15 <body>
16 <h1>Centering images</h1>
17 <p>This is an image that has been given the class of regular. I am now going to use that
18 class to center the image.</p>
19 
20 <p>This is an image that has not been centered.</p>
21 
22 </body>
23 </html>
    
```

Desktop 1:38 PM 2/9/2015



The screenshot shows a web browser window with the address bar displaying `www.pgrocer.net/Cis44/HTML5/images5/bigim5.html`. The main content area features a large 3D logo for the 'Computer Information Systems Department'. Below the logo, there is a caption: 'This is the large version of the image.' and a smaller version of the logo with the text 'Click on this image to return to previous page.'.

An 'Source' window is open, showing the HTML code for the page:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Big image</title>
6 </head>
7 <body>
8 <div><img width = "500" height = "500" src= "Cis5a.gif" alt="CIS logo"><br>
9 This is the large version of the image.<br><br>
10 <a href="morein5.html"></a>Click on this image to return to previous page.</div>
12 </body>
13 </html>
```

Below the source code, a note reads: 'Note that the bottom image is an icon to click on to get back to morein5.html.'

The browser's taskbar at the bottom shows various application icons and the system clock indicating 1:49 PM on 2/9/2015.

An example of what not to do with a background image

How can you connect? Connect to a great future in our dramatically changing world. We need to withstand an uncertain economy and chart a bright, successful road ahead.

Yes, college can be expensive. It costs money and time and energy. Is it worth it? Also, diplomas. And the jobs of the future -- the ones we don't know about yet -- require some. A good college education makes you think and challenge the status quo. With a good education, you can change the world.

How's that for return on investment? It's your education. Make it yours. And at Bristol Community College comes in. At Bristol Community College, you can earn an education. That place nearby, the community college people talk about.

Note that the <div> with the background image is using an image from the images folder I have set up. See next slide.

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>images</title>
6 <style type="text/css">
7 hl
8 {
9   text-align: center;
10 }
11
12 </style>
13 </head>
14 <body>
15 <div>An example of what not to do with a background image</div>
16 <div style="background-image: url(images/myback1.gif);">
17 <p>How can you connect?
18 Connect to a great future in our dramatically changing world.
19 Weather the uncertainty with a great investment in yourself.
20 As you think about your future, consider what a college education can do. You can gain the tools you
21 need to withstand an uncertain economy and chart a bright, successful road ahead.</p>
22 <p>Yes, college can be expensive. It costs money and time and energy.
23 Is it worth it?
24 Absolutely. Statistically, those with a two-year degree earn an average of $400,000* (*U.S. Census Data)
25 more in a lifetime than those with only a high school diploma. And the jobs of the future -- the ones we
26 don't know about yet -- require some post-secondary education.
27 Get more marketable, more employable, more flexible, and more able to weather economic cycles. An education
28 can do all that.
29 A good college education makes you think and challenge the status quo.
30 With a good college education, you can change the world.</p>
31 </div>
32 <div style="background-color: yellow;">How's that for return on investment?
33 It's your education. Make it yours. And at Bristol Community College, we can help you do it.
34 You want the education but you don't want to be saddled with student loans. No problem.
35 That's where Bristol Community College comes in. At Bristol Community College, you can earn an education
36 that gets you started on that bright future -- but without mortgaging your future to get it.
37 Take time to consider why so many students just like you come to Bristol Community College. That place nearby,
38 the community college people talk about, the place to be -- let us help connect you to your future. </div>
39 </body>
40 </html>
    
```

I have two divisions with different styles - one has a background image and one has a background color. Really looks horrible, but...

The screenshot shows a web browser window on the left and a file explorer window on the right. The browser window displays a page titled "An example of what not to do with a background image". The page content includes a paragraph about connecting to a great future and a code editor showing HTML code. The file explorer window shows a directory structure with files like backgroundimages.html and images. A note explains the file structure.

An example of what not to do with a background image

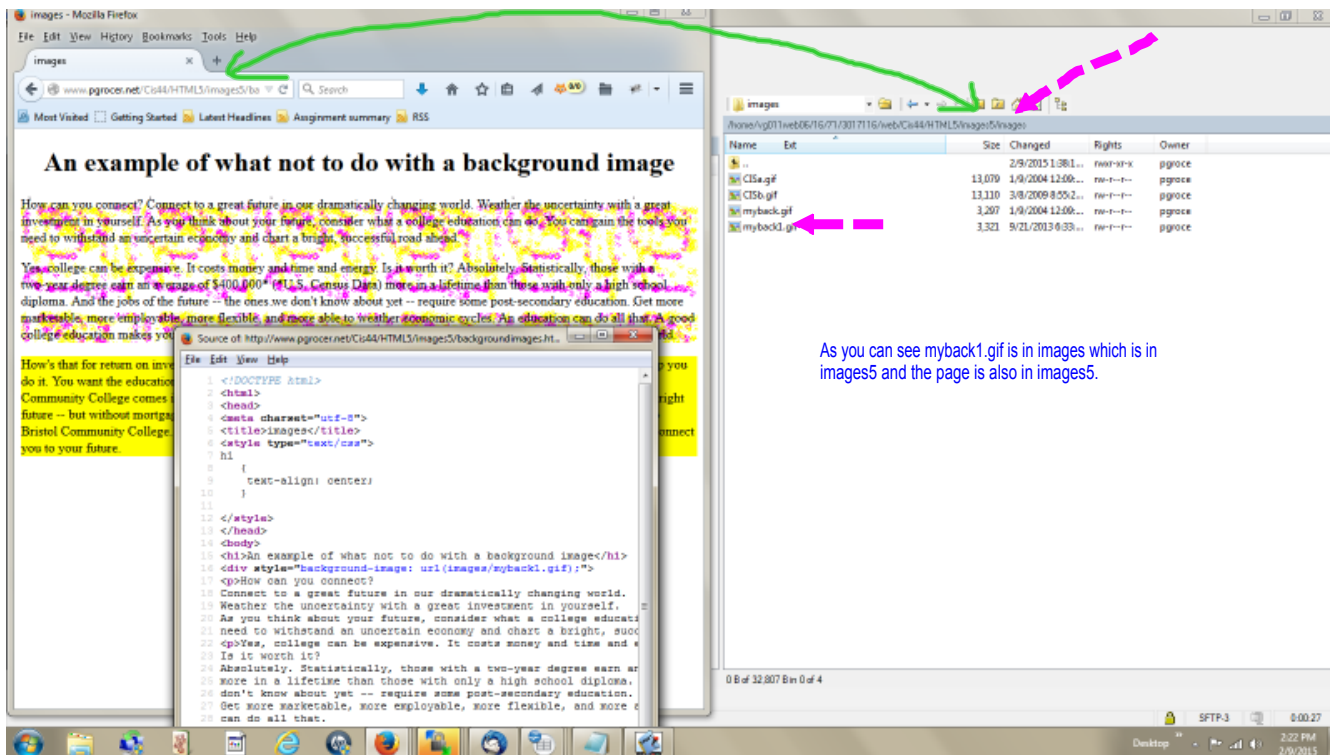
How can you connect? Connect to a great future in our dramatically changing world. Weather the uncertainty with a great investment in yourself. As you think about your future, consider what a college education can do. You can gain the tools you need to withstand an uncertain economy and chart a bright, successful road ahead.

Yes, college can be expensive. It costs money and time and energy. Is it worth it? Absolutely. Statistically, those with a two-year degree earn an average of \$400,000* (U.S. Census Data) more in a lifetime than those with only a high school diploma. And the jobs of the future -- the ones we don't know about yet -- require some post-secondary education. Get more marketable, more employable, more flexible, and more able to help connect.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>images</title>
6 <style type="text/css">
7 {
8   text-align: center;
9 }
10 </style>
11 </head>
12 <body>
13 <div style="background-image: url(images/myback1.gif);">
14 <p>How can you connect?
15 Connect to a great future in our dramatically changing world.
16 Weather the uncertainty with a great investment in yourself.
17 As you think about your future, consider what a college education
18 can do. You can gain the tools you need to withstand an uncertain economy and chart a bright, successful
19 road ahead.
20 Yes, college can be expensive. It costs money and time and energy.
21 Is it worth it?
22 Absolutely. Statistically, those with a two-year degree earn an
23 average of $400,000* (U.S. Census Data) more in a lifetime than those with only a high school diploma.
24 And the jobs of the future -- the ones we don't know about yet --
25 require some post-secondary education.
26 Get more marketable, more employable, more flexible, and more
27 able to help connect.
```

Name	Ext	Size	Changed	Rights	Owner
.		10/26/2014 04...	0/21/2013 7:03...	rwx-r-x	pgroce
images		0/21/2013 7:03...	0/21/2013 7:03...	rwx-r-x	pgroce
backgroundimages.html		1,932	9/21/2013 6:53...	rw-r--	pgroce
bigim5.html		303	2/9/2015 1:40:1...	rw-r--	pgroce
centerimages.html		401	2/9/2015 1:40:1...	rw-r--	pgroce
centeredimage.html		547	9/4/2013 11:08...	rw-r--	pgroce
CL5a.gif		13,079	1/9/2004 12:09...	rw-r--	pgroce
CL5b.gif		13,110	3/8/2009 8:55:2...	rw-r--	pgroce
framing.html		691	9/21/2013 6:08...	rw-r--	pgroce
introimages1.html		727	2/9/2015 11:53...	rw-r--	pgroce
introimages2.html		3,835	9/25/2011 1:40...	rw-r--	pgroce
introimages3.html		832	9/25/2011 1:36...	rw-r--	pgroce
introimages3a.html		816	2/9/2015 12:46...	rw-r--	pgroce
introimages4.html		944	2/9/2015 1:17:9...	rw-r--	pgroce
morein5.html		438	9/25/2011 1:54...	rw-r--	pgroce
myback.gif		3,207	1/9/2004 12:06...	rw-r--	pgroce
snow.gif		116,742	1/9/2004 12:10...	rw-r--	pgroce
snow5.html		859	9/25/2011 2:01...	rw-r--	pgroce

Note that images is in the same folder as backgroundimages.html which is the current page. To find the image I go to images and myback1.gif is in the images folder.



The screenshot shows a Mozilla Firefox browser window displaying a web page. The page has a repeating background of 3D, metallic-looking text that reads "Community Information Systems Department". The main heading of the page is "An example of color and image background". Below the heading, there is a paragraph of text discussing the future and the value of education. An "Assignment summary" link is visible in the browser's address bar. An open "Source" window is overlaid on the right side of the browser, showing the HTML and CSS code for the page. The code includes a style rule for a beige background color and a GIF image. A handwritten note in blue ink is written over the source code window.

Source of <http://www.pgrocer.net/Cis44/HTML5/images5/pagebimgcolor.html> - Mozilla Firefox

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>images</title>
6 <style type="text/css">
7 body
8 {
9     background-color: beige;
10    background-image: url(images/CISa.gif);
11 }
12
13 </style>
14 </head>
15 <body>
16 <h1>An example of color and image background</h1>
17 <div>
18 <p>How can you connect to a great future in our dramatically changing world. Whether the economy is strong or weak, you can gain the economic advantage by charting a successful road ahead.
19
20 Yes, college can be expensive. It costs money and time and energy. Is it worth it? Absolutely! Students with a diploma are the ones who know about it. They can secure some post-secondary education. A good college education can help you think and challenge the status quo. What's a good college education worth?
21
22 How's that for return on investment? It's your education. Make it yours. And at Bristol Community College, we can help you do it. At Bristol Community College, you can earn an education that gets you started at Bristol Community College. That place nearby, the community college people talk about, the place to be -- let us help connect you to your future.
23
24 </p>
25 </div>
26 </body>
27 </html>
```

Again not the best plan, but...
I have both a color and an image for the background.
Note I cannot read the text!

Picture from a snow storm - Mozilla Firefox


File Edit View History Bookmarks Tools Help

Picture from a snow storm

www.pgrocer.net/Cs44/HTML5/images5/snow5.html

Most Visited Getting Started Latest Headlines Assignment summary RSS

The snow of 1996!



NOTE: This image is a picture that I took and had developed onto a disk. Remember images are separate files. For this page, I have two things stored

ed. I then put the image out on my site as

als frequently store their images in an image

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>Picture from a snow storm</title>
6 </head>
7 <body>
8 <div style="text-align:center;">
9 <h1>The snow of 1996!</h1>
10 <br>
11 NOTE: This image is a picture that I took and had developed onto a disk. If it is not
12 saved as a gif or jpeg image, it needs to be taken into an application package that deals
13 with graphics and converted. I then put the image out on my site as snow.gif. As you
14 can see it is an old image and an old technology.<br>
15 Remember images are separate files. For this page, I have two things stored: snow5.html
16 and snow.gif. They are both in the same directory so I do not need to use any path to
17 find the image. Professionals frequently store their images in an image directory to
18 facilitate reuse.
19 </div>
20 </body>
21 </html>
```

Desktop 2:42 PM 2/9/2015