CSS3 Borders

Using this feature of css3 we can create rounded borders, add shadow to boxes, and use an image as a border - without using a design program, like Photoshop.

Style Properties:

1. border-radius
2. box-shadow
3. border-image

Browser Support:

1. Internet Explorer 9 supports border-radius and box-shadow.
2. Firefox supports all of the new border properties.
3. Chrome and Safari support border-radius and box-shadow, but require the prefix -webkit- for border-image.
4. Opera supports border-radius and box-shadow, but requires the prefix -o- for border-image.

Border-radius property:

CSS3 **border-radius** property is used to create rounded corners.

border-radius is the shorthand for:

- border-top-left-radius
- border-bottom-left-radius
- border-top-right-radius
- border-bottom-right-radius

http://border-radius.com/ can be used for generating the required CSS

```
<style type="text/css">
  div {
    margin:10px;
    text-align: center;
    border: 2px solid black;
    padding: 10px 40px;
    background: red;
    width: 300px;
  }
```

```
</style>

<div style="border-radius: 20px;">border-radius: 20px;</div>

<div style="border-radius: 20px 10px 5px 0px;">border-radius: 20px 10px 5px 0px;</div>

<div style="border-bottom-left-radius:20px">border-bottom-left-radius:20px</div>

<div style="border-top-left-radius:20px">border-top-left-radius:20px</div>

<div style="border-radius: 200px/400px;">border-radius: 200px/400px; (Ellipse) </div>

<div style="border-radius: 50%;">border-radius: 50%;</div>
```
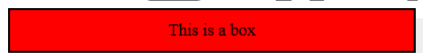
border-radius: 20px;

border-radius: 20px 10px 5px 0px;

border-radius: 200px/400px; (Ellipse)

border-bottom-left-radius:20px

border-top-left-radius:20px

border-radius: 50%;

Box Shadow Property: CSS3 **box-shadow** property is used to add shadow to boxes.

Example:

```
<div style="box-shadow:rgba(234, 234, 234, 0.8) 10px 10px">This is a box</div>
```

This is a box

Border Image Property: With the CSS3 border-image property you can use an image to create a border.
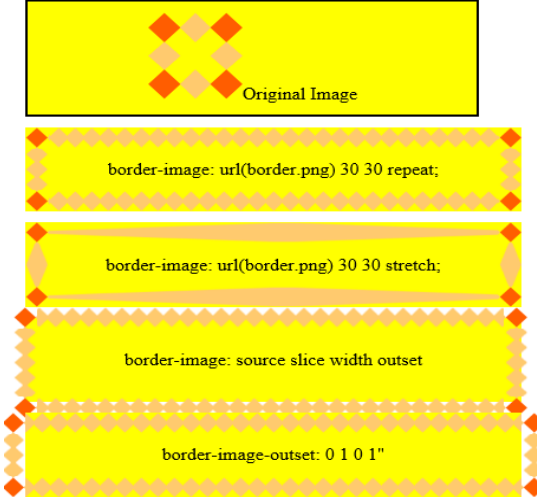
Syntax:

Border-image: *image-url offset fill horz-repeat vert-repeat*

- o   *horz-repeat = stretch / repeat / round*
- o   *vert-repeat = stretch / repeat / round*

Border-image: *image-url topoffset rightoffset rightoffset bottomoffset fill horzrepeat vertrepeat*

Generator: http://border-image.com

<div>Original Image</div>

<div style="border: 20px solid black; border-image: url(border.png) 30 30 **repeat**;">border-image: url(border.png) 30 30 repeat;</div>

<div style="border: 20px solid black; border-image: url(border.png) 30 30 **stretch**;">border-image: url(border.png) 30 30 stretch;</div>

<div style="border: 20px solid black; border-image: url(border.png) fill 30 repeat; **border-image-outset**: 10px 5px 15px 10px; ">border-image: source slice width outset</div>

<div style="border: 20px solid black; border-image: url(border.png) 30 30 repeat; **border-image-outset**: 0 1 0 1">border-image-outset: 0 1 0 1"</div>

Original Image

border-image: url(border.png) 30 30 repeat;

border-image: url(border.png) 30 30 stretch;

border-image: source slice width outset

border-image-outset: 0 1 0 1"