CSS Background Images

COMP1017 - Web Design Fundamentals

Background Image Property

The background image in CSS applies to graphics (.jpeg, .jpg, .png, .gif...)

There are two properties that are used in CSS to display background images and gradients: background-image{} and background{}.

Note: the background-image property only accepts one value whereas the background property accepts multiple values.

Background-image/Background Properties

```css
//accepts one property
.image{
    background-image: url(../img/background-img.jpg);
    repeat: no-repeat;
    background-size:cover;
    height: 400px;
}

//accepts multiple properties
.image{
    background: url(../img/background-img.jpg)      no-repeat cover;
    height: 400px;
}
```

Other background-image properties

- background-color - accepts only background colour

- background-repeat:
    - repeat: tiles the image in both directions. This is the default value.
    - repeat-x: tiles the image horizontally
    - repeat-y: tiles the image vertically
    - no-repeat: only repeats the image once, doesn't tile.

    - Example: https://codepen.io/team/css-tricks/pen/EaEBOZ

Other background-image properties

- background-size:
    - cover: scales the image as large as possible covering the entire container.
    - contain: scales the image as large as possible without stretching or cropping the image.
    - auto: default setting. Image scales/calculates based on the actual size of the image and aspect ratio.

    - Example: https://codepen.io/team/css-tricks/pen/NPMgem

Other background-image properties

- background-position:
    - Defines the x/y position of where the image will be placed or moved to. The background-position can be applied by lengths, percentages or keywords (top, bottom, left and right).

    - Example: https://codepen.io/team/css-tricks/pen/ogqrGw
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    More info: https://developer.mozilla.org/en-US/docs/Web/CSS/background-positio
                https://css-tricks.com/almanac/properties/b/background-position/

- Single background-positions:
    - background-position-x : only the horizontal values
    - background-position-y: the vertical value