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CSS Basics: Background Properties

Background Properties

- ❖ Define background effects for elements

background-color

- ❖ Define background color of element
- ❖ Values: *color* | transparent | initial | inherit;
 - ❖ *color*: define background color
 - ❖ *transparent*: transparent background color
 - ❖ *initial*: set to element's default value
 - ❖ *inherit*: take this property value of parent element
- ❖ Default: transparent

background-color

❖ Example:

```
div {  
    background-color: lavender;  
}
```

❖ https://www.w3schools.com/cssref/pr_background-color.asp

Background-image

- ❖ Define image to use as background in the element
- ❖ Image is repeated to covers the entire element by default
- ❖ Example:

```
div {  
    background-image: url(images / white-waves.png);  
}
```

- ❖ Pattern Library

- ❖ <https://www.toptal.com/designers/subtlepatterns/>
- ❖ <https://www.transparenttextures.com/>

background-repeat

- ❖ Repeat the background image horizontally or vertically
- ❖ Values: repeat | repeat-x | repeat-y | no-repeat | initial | inherit;
 - ❖ repeat-x: repeat horizontally
 - ❖ repeat-y: repeat vertically
 - ❖ no-repeat: do not repeat the background image
 - ❖ repeat: repeat both horizontally and vertically
- ❖ Default: repeat

background-repeat

- ❖ Use together with background-image

- ❖ Example:

```
div {
```

```
    background-image: url(images/white-waves.png);
```

```
    background-repeat: repeat-x;
```

```
}
```

- ❖ https://www.w3schools.com/cssref/pr_background-repeat.asp

background-position

- ❖ Define position of the background image
- ❖ Has 2 values: x position and y position

- ❖ Example:

```
div {  
    background-position: right top;  
}
```

- ❖ https://www.w3schools.com/cssref/pr_background-position.asp

background-attachment

- ❖ Define whether the background image should be scroll with the page or not scroll with the page
- ❖ Values: scroll | fixed | local | initial | inherit;
 - ❖ scroll: scroll with the page
 - ❖ fixed: not scroll with the page
 - ❖ local: scroll with element contents
- ❖ Default: scroll

background-attachment

❖ Example:

```
div {  
    background-attachment: fixed;  
}
```

❖ https://www.w3schools.com/cssref/pr_background-attachment.asp

background-size

- ❖ Define the size of the background image
- ❖ Values:
 - ❖ auto: original size
 - ❖ length | percentage: set width and height of image
 - ❖ cover: cover the entire element
 - ❖ contain: image if fully visible
- ❖ Default: auto

background-size

❖ Example:

```
div {  
    background-size: 50% 50%;  
}
```

❖ https://www.w3schools.com/cssref/css3_pr_background-size.asp

background-clip

- ❖ Define how much are background should cover in the element
- ❖ Values: border-box | padding-box | content-box | initial | inherit
 - ❖ border-box: Cover to outside edge of the border
 - ❖ padding-box: Cover to inside edge of the border
 - ❖ content-box: Cover to the edge of the content box
- ❖ Default: border-box

background-clip

❖ Example:

```
div {  
    background-clip: padding-box;  
}
```

background-origin

- ❖ Define origin position of background image
- ❖ Exception: No effect if background-attachment is fixed
- ❖ Values: padding-box | border-box | content-box | initial | inherit
- ❖ Default: padding-box

background

- ❖ Short hand definition for background

background: bgColor bgImage position/bgSize bgRepeat bgOrigin bgClip bgAttachment initial | inherit;

- ❖ https://www.w3schools.com/cssref/css3_pr_background.asp

Thank you