

# CSS PROPS

Let's cover each of the topics you mentioned—background, border-images, colors, types of colors, and shadows—in a brief and informative manner:

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## **\*\*1. Background:\*\***

### **- \*\*Properties:\*\***

- ``background-color``: Sets the background color.
- ``background-image``: Sets an image as the background.
- ``background-repeat``: Specifies how the background image should be repeated.
- ``background-position``: Sets the starting position of the background image.
- ``background-size``: Specifies the size of the background image.

### **- \*\*Example:\*\***

```
``css
```

```
body {
```

```
background-color: #f0f0f0;
background-image: url('background.jpg');
background-repeat: no-repeat;
background-position: center top;
background-size: cover;
}
```
```

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## **\*\*2. Border Images:\*\***

### **- \*\*Property:\*\***

- `border-image`: Specifies an image to be used as the border around an element.

### **- \*\*Example:\*\***

```
```css
div {
border: 10px solid transparent;
border-image: url('border.png') 30 round;
```

```
}  
```
```

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### **\*\*3. Colors:\*\***

#### **- \*\*Types of Colors:\*\***

- **\*\*Hexadecimal\*\***: `#RRGGBB` (e.g., #336699)
- **\*\*RGB\*\***: `rgb(R, G, B)` (e.g., rgb(51, 102, 153))
- **\*\*RGBA\*\***: `rgba(R, G, B, A)` (e.g., rgba(51, 102, 153, 0.8))
- **\*\*HSL\*\***: `hsl(H, S%, L%)` (e.g., hsl(210, 50%, 40%))
- **\*\*HSLA\*\***: `hsla(H, S%, L%, A)` (e.g., hsla(210, 50%, 40%, 0.8))
- **\*\*Color Names\*\***: (e.g., `red`, `blue`, etc.)

#### **- \*\*Example:\*\***

```
```css
```

```
p {  
  color: #ff0000; /* Hexadecimal */  
  background-color: rgba(0, 255, 0, 0.5); /* RGBA */
```

```
border: 2px solid hsl(240, 100%, 50%); /* HSL */  
}  
```
```

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#### **\*\*4. Types of Colors:\*\***

##### **- \*\*Primary Colors:\*\***

- Red, Green, Blue (RGB model)
- Hue, Saturation, Lightness (HSL model)

##### **- \*\*Extended Colors:\*\***

- Hexadecimal
- RGBA (Red, Green, Blue, Alpha)
- HSLA (Hue, Saturation, Lightness, Alpha)

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#### **\*\*5. Shadows:\*\***

- **\*\*Properties:\*\***

- ``box-shadow``: Adds a shadow to an element's box.
- ``text-shadow``: Adds a shadow to text.

- **\*\*Example:\*\***

```
```css
```

```
div {  
    box-shadow: 5px 5px 10px #888888;  
}
```

```
h2 {  
    text-shadow: 2px 2px 4px rgba(0, 0, 0, 0.5);  
}  
```
```

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These CSS properties provide a range of styling options for backgrounds, borders, colors, and shadows, allowing developers to create visually appealing and diverse designs for web pages.