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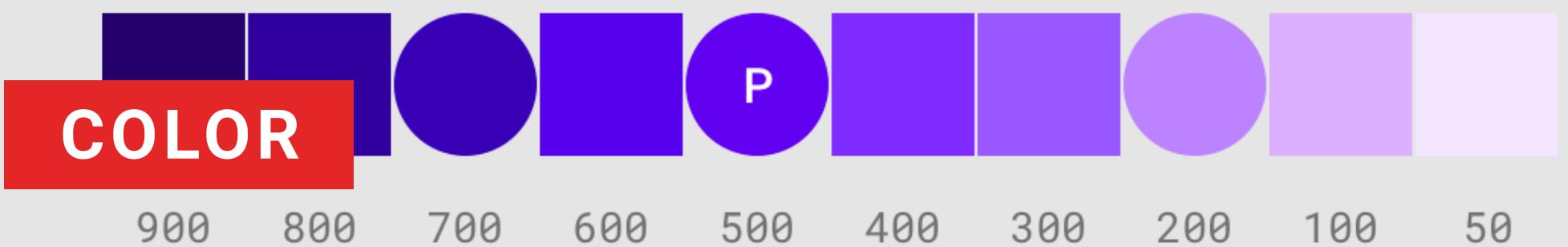
# Color

---

## WEEK 3

COLOR

Color is not only an aesthetic element, but also used as a visual cue within UI design

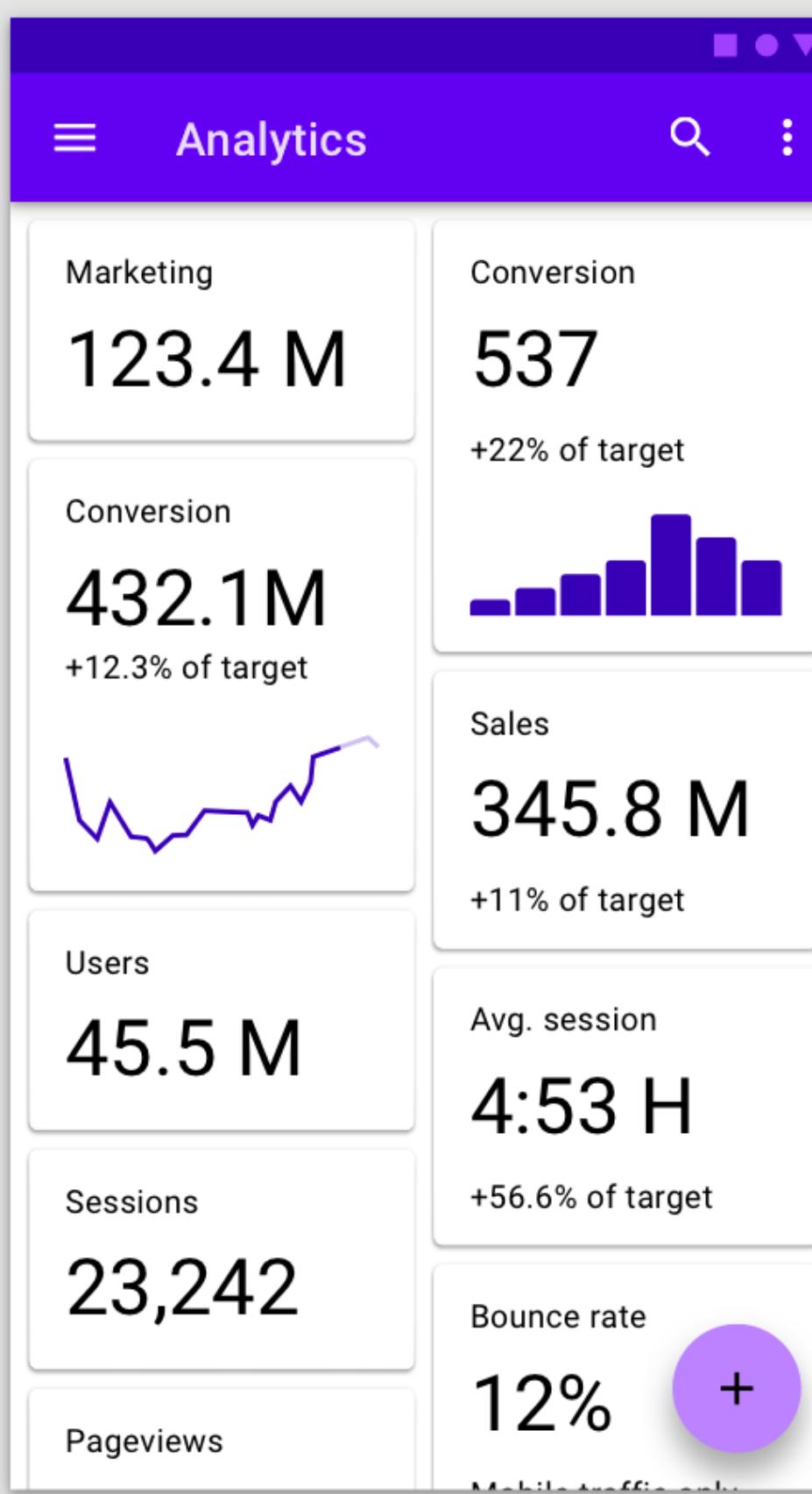


Primary  
Purple

500 #6200EE

700 #3700B3

200 #BB86FC



Brightness values

100%

65%

55%

App color  
Purple 500

H: 292° S: 78% B: 74% #9C27B0

Accent

H: 292° S: 50% B: 100% #EC80FF

Active UI element

H: 292° S: 78% B: 65% #9423A6

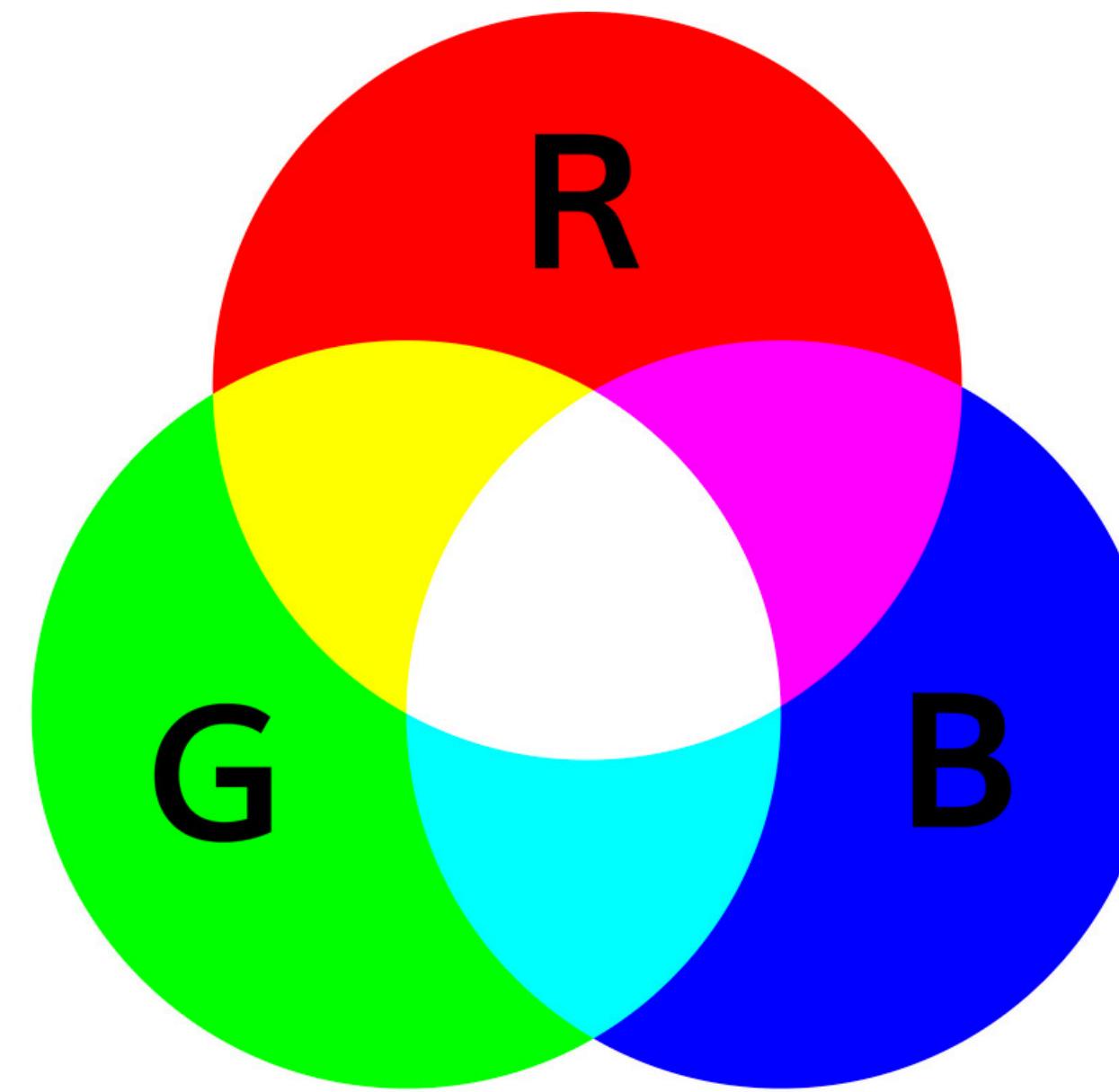
Lighter UI element

H: 292° S: 78% B: 55% #7C1F8C

Darker UI element

H: 292° S: 78% B: 40% #5B1566

## COLOR



## COLOR IN CSS

**Color name**

**HEX value**

hexadecimal format

**RGBA**

Red Green Blue Alpha

**HSLA**

Hue Saturation Lightness Alpha

## COLOR IN CSS

# Color name

red, yellow, lightgray, slate blue

140 names in CSS

```
.make_red{  
    color: red;  
}
```

[ ALL THE NAMES >> ]

## COLOR IN CSS

### HEX value

#FFFFFF or #0BFFFF;  
hexadecimal format for web colors

```
.make_red{  
    color: #FF0000;  
}
```

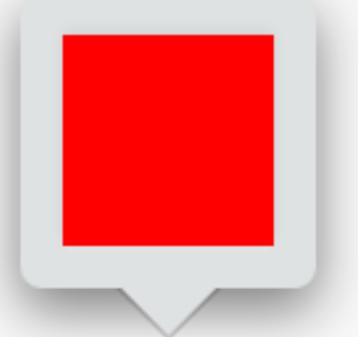
[ GOOGLE COLOR PICKER >> ]

## COLOR IN CSS

### HEX value

#FFFFFF or #0BFFFF;  
hexadecimal format for web colors

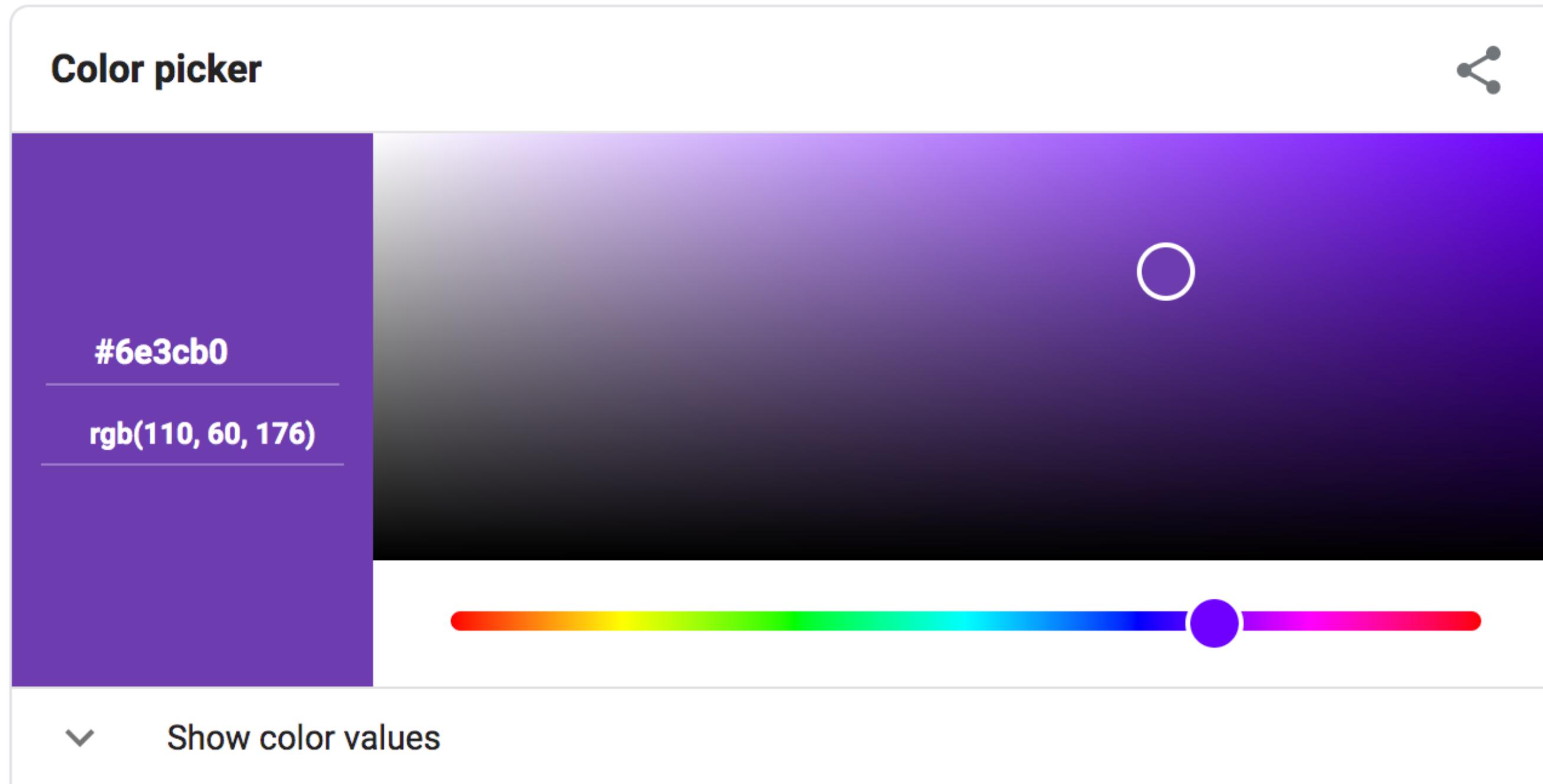
```
.make_red{  
    color: #FF0000;  
}
```



[ GOOGLE COLOR PICKER >> ]

## COLOR IN CSS

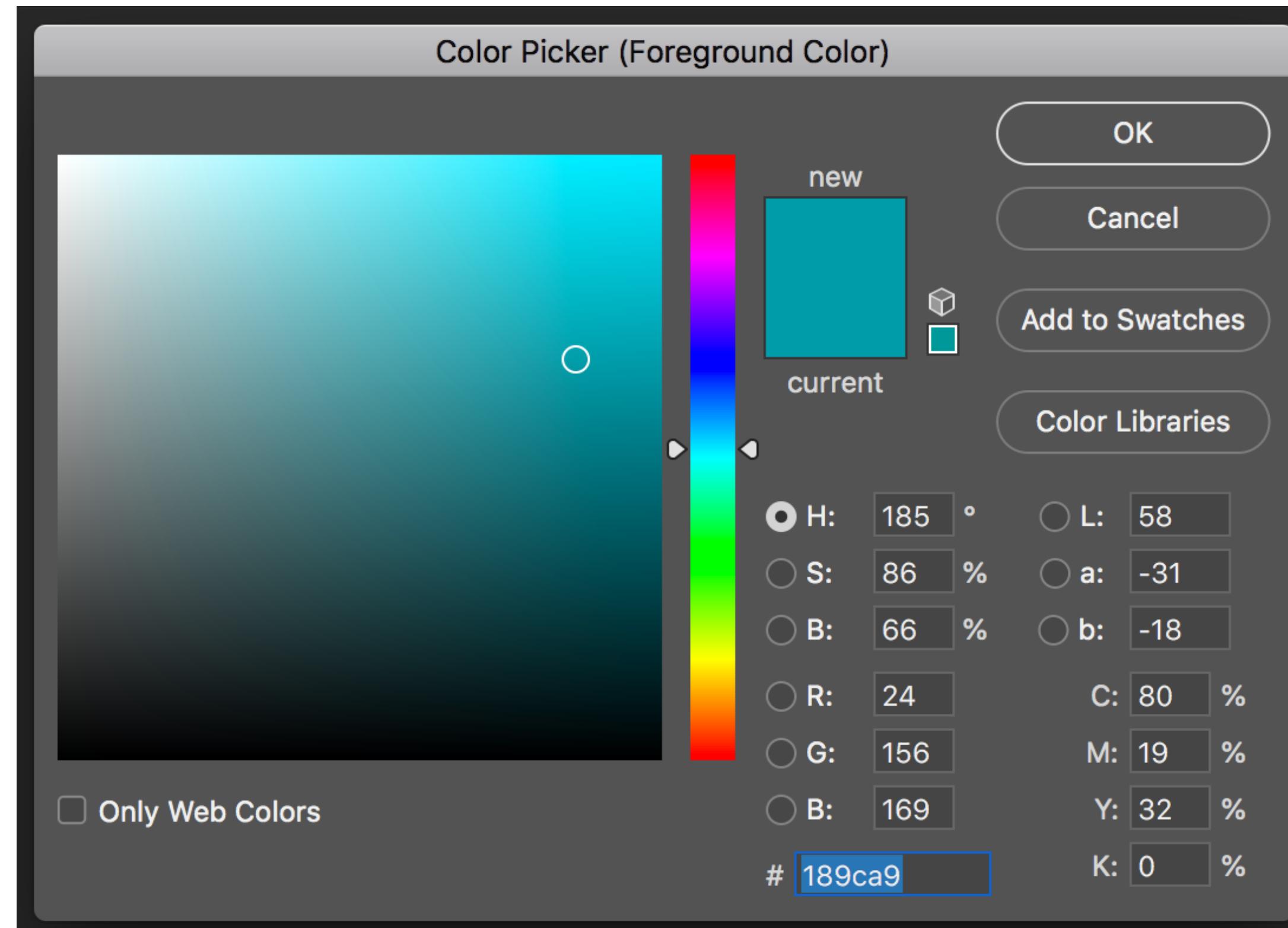
# HEX value hexadecimal format



## COLOR IN CSS

# HEX value

## hexadecimal format



## COLOR IN CSS

# RGBA

## Red Green Blue Alpha



# RGBA

Scale from 0 to 255

Alpha from 0 to 1 (example .75 = 75%)

```
.make_red{  
    background-color: rgb(255,0,0);  
}  
  
.red_transparent{  
    background-color:rgba(255,0,0,.25);  
}
```

# RGBA

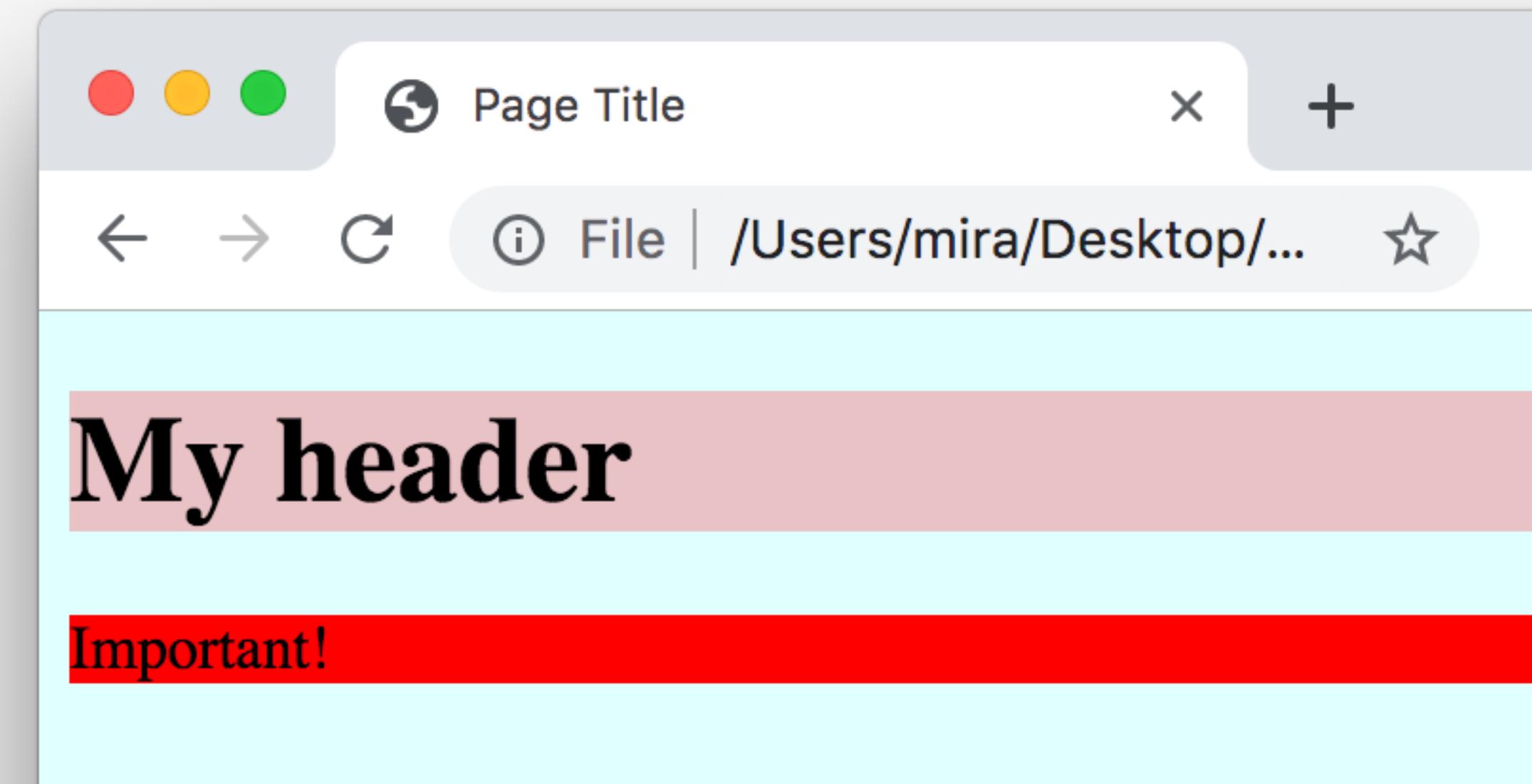
```
<body style="background-color: lightcyan;">  
  <h1 class="red_transparent">My header</h1>  
  <p class="make_red">Important!</p>  
  
</body>  
</html>
```

## COLOR IN CSS

# RGBA

```
<body style="background-color: lightcyan;">  
  
  <h1 class="red_transparent">My header</h1>  
  <p class="make_red">Important!</p>  
  
</body>  
</html>
```

[ [RGBA Example >>](#) ]



## COLOR IN CSS

# HSLA

Hue Saturation Lightness Alpha

Hue - out of 360

Saturation, Lightness - out of 100%

Alpha - from 0 to 1

# HSLA

## Hue Saturation Lightness Alpha

```
<style>  
  
p {  
    background-color:hsl(120,100%,50%);  
}  
</style>
```



[ [HSLA Example >>](#) ]

# HSLA

## Hue Saturation Lightness Alpha

```
<style>

  p1 {
    background-color:hsla(120,100%,50%,.5);
  }
</style>
```



[ HSL Example >> ]

[ HSLA Example >> ]

