

# Converting Colors

Hex(50865F)

Have a look what the booklet for  
Hex(50865F) contains.

|  |    |
|--|----|
| <b>Hex(50865F)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(50865F)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 50865F                       |
| RGB         | 80, 134, 95                  |
| RGB Percent | 31%, 53%, 37%                |
| CMY         | 0.6863, 0.4745, 0.6275       |
| CMYK        | 0.40, 0.00, 0.29, 0.47       |
| HSL         | 137°, 25%, 42%               |
| HSV         | 137°, 40%, 53%               |
| XYZ         | 13.8989, 19.5819, 13.8736    |
| YIQ         | 113.4080, -19.6650, -23.5770 |

# Conversions

## Conversions Part 2

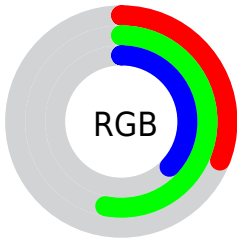
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 80, 122, 134                   |
| Decimal                             | 5277279                        |
| CIELab                              | 51.36, -26.93, 15.50           |
| CIELCh                              | 51, 31.070, 150.076            |
| Yxy                                 | 19.5819, 0.2935,<br>0.4135     |
| Android<br>(android.graphics.Color) | 4283467359<br>(0xFF50865F)     |
| YUV                                 | 113.4080, -9.0751,<br>-29.2988 |
| Hunter-Lab                          | 44.2514, -21.3750,<br>12.3875  |

# Details

The Hex color **50865F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **865077**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **84BC92**, and **1E5430** is the 20% darker color. If you saturate the color by 10%, you get **438655**, and if you desaturate by 10%, it is **5D8669**.

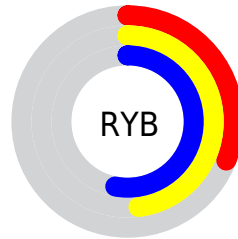
# Distribution



Red (31%)

Green (53%)

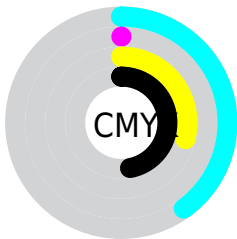
Blue (37%)



Red (31%)

Yellow (48%)

Blue (53%)

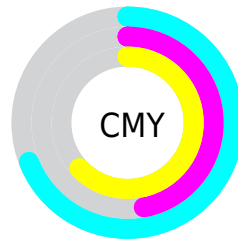


Cyan (40%)

Magenta (0%)

Yellow (29%)

Black (47%)



Cyan (69%)

Magenta (47%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50865F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 50865F by changing the saturation by 10% instead.



 50865F

 50865F

FFFFFF

 376C47


 84BC92

 1E5430

 9ED7AC

 003C1B

 BAF4C8

 002602

 D6FFE4

 000900

 F3FFFF

 000000

 50865F

 50865F

 438655

 5D8669

 35864C

 6B8672

 288642

 78867C

 1A8638

 868686

 0D862F

 93868F

 008625

 A08699

 AE86A3

 BB86AC

 C986B6

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70814B



50865F



29887A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50865F



537DAF



AD6861

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50865F



865077

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



AC667B



50865F



7D73A8

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50865F



1C84A8



9C6A95



A1704D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50865F



00888C



9C6A95



AE6669



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50865F



99AD9E



788650



4B574E



D6D6D6



575757



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50865F



5AAD71



508679



3C423E



008224



000301



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



865077



AD5A96



86505D



423C40



82005E

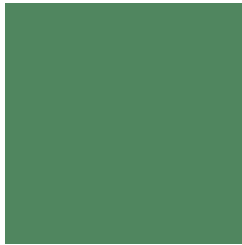


030002



# Previews

## White Background



This preview shows how the Hex color 50865F looks on a white background.

## Color Contrast Check

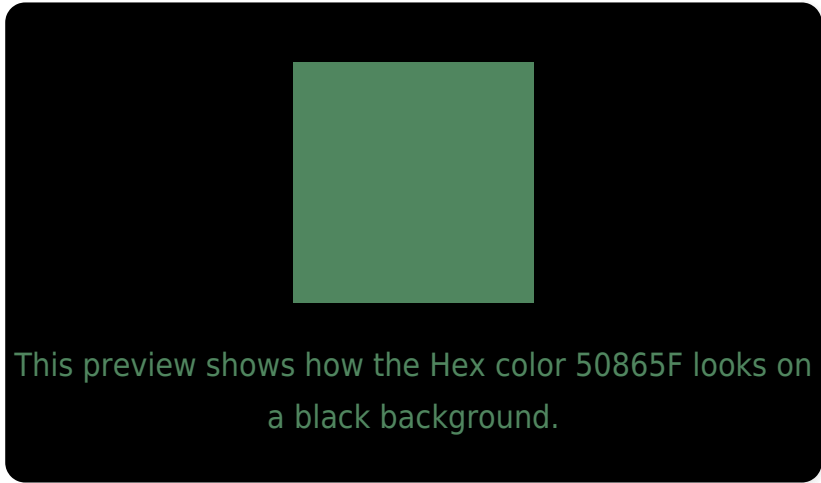
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

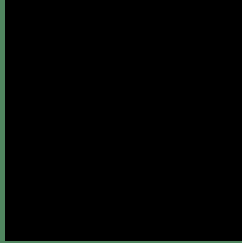
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 50865F Background



This preview shows how black text looks on a background with the Hex color 50865F.

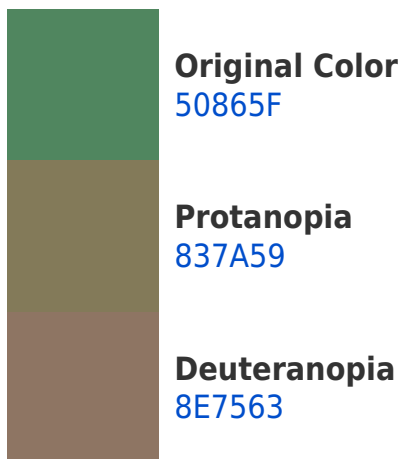


This preview shows how white text looks on a background with the Hex color 50865F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
59808B

# Trichromacy



**Original Color**  
50865F

**Protanomaly**  
707E5B

**Deuteranomaly**  
777B62

**Tritanomaly**  
56827B

# Monochromacy



**Original Color**  
50865F

**Achromatopsia**  
717171

**Achromatomaly**  
65796A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50865F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #50865F looks like.

```
.text, #text, p{  
    color:#50865F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #50865F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50865F
}
```

## Border

The CSS property to change the border of an element to Hex 50865F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50865F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#50865F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #50865F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50865F; -webkit-box-shadow:4px 4px  
4px 4px #50865F; box-shadow:4px 4px 4px  
4px #50865F }
```

# Background

The CSS property to change the background color of an element to Hex 50865F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50865F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#50865F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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