

# Converting Colors

Hex(58765F)

Have a look what the booklet for  
Hex(58765F) contains.

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# Color

Hex(58765F)

# Conversions

## Conversions Part 1

Format	Color
Hex	58765F
RGB	88, 118, 95
RGB Percent	35%, 46%, 37%
CMY	0.6549, 0.5373, 0.6275
CMYK	0.25, 0.00, 0.19, 0.54
HSL	134°, 15%, 40%
HSV	134°, 25%, 46%
XYZ	12.5685, 15.8578, 13.2249
YIQ	106.4080, -10.4970, -13.5130

# Conversions

## Conversions Part 2

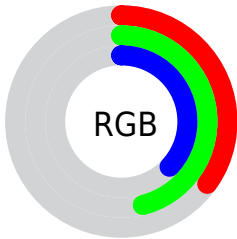
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 112, 118
Decimal	5797471
CIELab	46.79, -15.90, 9.21
CIELCh	47, 18.375, 149.930
Yxy	15.8578, 0.3018, 0.3807
Android (android.graphics.Color)	4283987551 (0xFF58765F)
YUV	106.4080, -5.6241, -16.1438
Hunter-Lab	39.8218, -13.3504, 8.1850

# Details

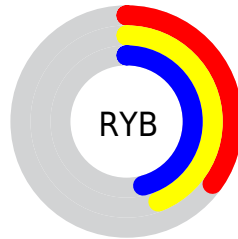
The Hex color **58765F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76586F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8BAA91**, and **294631** is the 20% darker color. If you saturate the color by 10%, you get **4C7656**, and if you desaturate by 10%, it is **647668**.

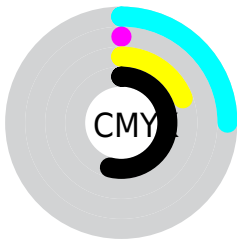
# Distribution



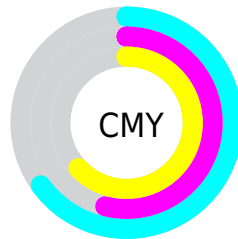
- Red (35%)
- Green (46%)
- Blue (37%)



- Red (35%)
- Yellow (44%)
- Blue (46%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58765F 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 58765F by changing the saturation by 10% instead.





58765F



58765F

FFFFFF



405D47



8BAA91



294631



A5C6AC



132F1C



C0E2C7



001B02



DCFEE3



000000



F9FFFF



58765F



58765F



4C7656



647668



40764D



707671

■ 357644

■ 7B767A

■ 29763B

■ 877683

■ 1D7632

■ 93768C

■ 117629

■ 9F7695

■ 057620

■ AB769E

■ 00761C

■ B676A7

■ C276B0

# Harmonies

## Analogous

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



6A7354



58765F



49786E

# Triad

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



58765F



5C708D



8E6560

# Complementary

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



58765F



76586F

# 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.



8D6470



58765F



716B8A

# Square

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



58765F



497589



83667F



876955

# Rectangle

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



58765F



427779



83667F



8E6465



# Sweetspot

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



58765F



8D9990



6F7658



454D47



CCCCCC



4D4D4D



# Same Dimension

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



58765F



6A9975



58766E



353B36



007A1D



00FA3A



# Inverse Universe

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



76586F



996A8E



765860



3B3539



7A005E



FA00C0



# Previews

## White Background



This preview shows how the Hex color 58765F looks on a white background.

## Color Contrast Check

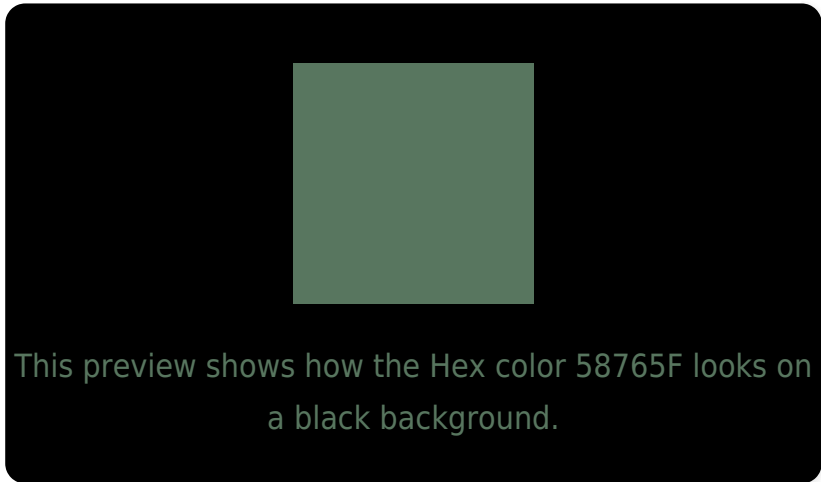
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

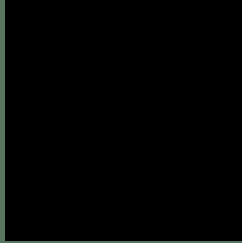
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 58765F Background



This preview shows how black text looks on a background with the Hex color 58765F.

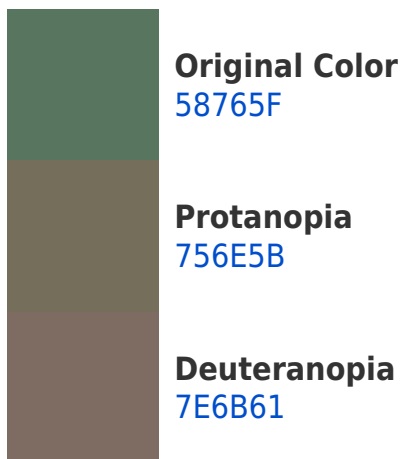


This preview shows how white text looks on a background with the Hex color 58765F.

# 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**  
5D727B

# Trichromacy



**Original Color**  
58765F

**Protanomaly**  
6A715C

**Deuteranomaly**  
706F60

**Tritanomaly**  
5B7371

# Monochromacy



**Original Color**  
58765F

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
636E66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58765F 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 #58765F looks like.

```
.text, #text, p{  
    color:#58765F  
}
```

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 #58765F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58765F
}
```

## Border

The CSS property to change the border of an element to Hex 58765F 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".

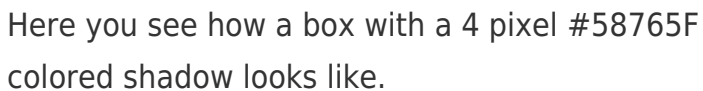
```
.border, #border, table{ border:4px solid
#58765F }
```

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

```
.border{ border-color:#58765F }
```

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

Here you see how a box with a 4 pixel #58765F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58765F; -webkit-box-shadow:4px 4px  
4px 4px #58765F; box-shadow:4px 4px 4px  
4px #58765F }
```

# Background

The CSS property to change the background color of an element to Hex 58765F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58765F }
```

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

```
.background{ background-color:#58765F }
```

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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