

# Converting Colors

Hex(B5765F)

Have a look what the booklet for  
Hex(B5765F) contains.

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**Color**

**Hex(B5765F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5765F
RGB	181, 118, 95
RGB Percent	71%, 46%, 37%
CMY	0.2902, 0.5373, 0.6275
CMYK	0.00, 0.35, 0.48, 0.29
HSL	16°, 37%, 54%
HSV	16°, 48%, 71%
XYZ	27.6000, 23.6068, 13.9284
YIQ	134.2150, 44.9310, 6.2030

# Conversions

## Conversions Part 2

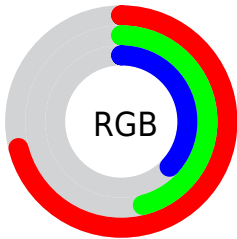
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 126, 95
Decimal	11892319
CIELab	55.69, 22.08, 22.83
CIELCh	56, 31.766, 45.957
Yxy	23.6068, 0.4237, 0.3624
Android (android.graphics.Color)	4290082399 (0xFFB5765F)
YUV	134.2150, -19.3330, 41.0304
Hunter-Lab	48.5869, 16.3709, 17.0142

# Details

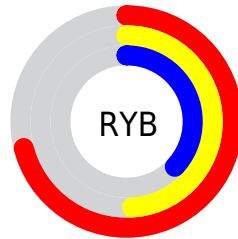
The Hex color **B5765F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5F9EB5**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **EFAB92**, and **7D4530** is the 20% darker color. If you saturate the color by 10%, you get **B5694D**, and if you desaturate by 10%, it is **B58371**.

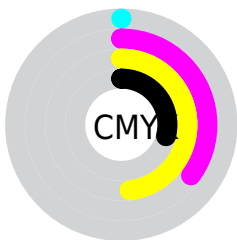
# Distribution



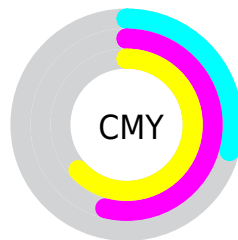
- Red (71%)
- Green (46%)
- Blue (37%)



- Red (71%)
- Yellow (49%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (48%)
- Black (29%)



- Cyan (29%)
- Magenta (54%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5765F 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 B5765F by changing the saturation by 10% instead.



 B5765F

 B5765F

FFFFFF

 995D47

 EFAB92

 7D4530

 FFC6AC

 622E1B

 FFE2C8

 481802

 FFFFE4

 2F0100

 090000

 000000

 B5765F

 B5765F

 B5694D

 B58371

 B55B3B

 B59183

 B54E29

 B59E95

 B54117

 B5ABA7

 B53405

 B5B8BA

 B53000

 B5C6CC

 B5D3DE

 B5E0F0

 B5EDFF

# Harmonies

## Analogous

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



BB7078



B5765F



A37F50

# Triad

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



B5765F



469377



7583BA

# Complementary

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



B5765F



5F9EB5

# 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.



468CBA



B5765F



1D9494

# Square

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



B5765F



6A8F5E



1292AC



9B79AC

# Rectangle

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



B5765F



92864E



1292AC



6686BC



# Sweetspot

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



B5765F



EBD3CA



B55F9E



756761



F5F5F5



757575



# Same Dimension

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



B5765F



EB8965



B5A15F



595350



992900



1A0700



# Inverse Universe

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



5F9EB5



65C7EB



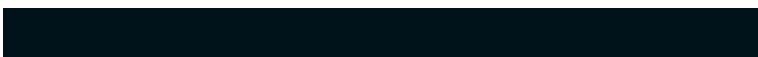
5F73B5



505759



007099



00131A



# Previews

## White Background



This preview shows how the Hex color B5765F looks on a white background.

## Color Contrast Check

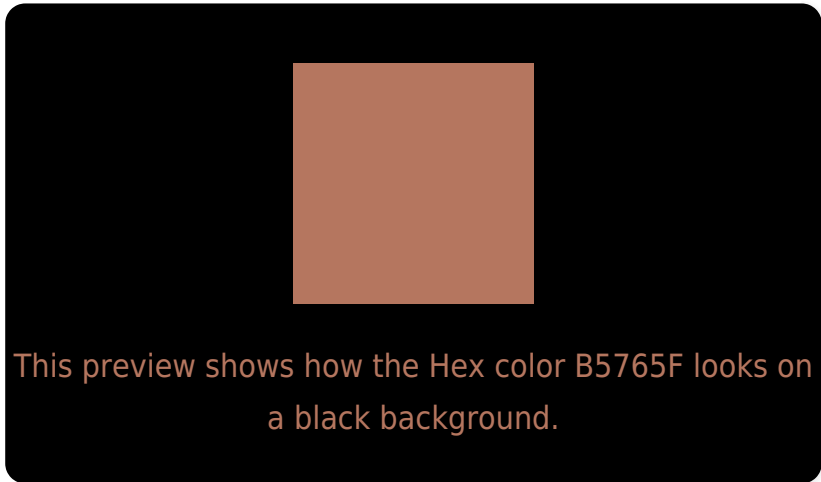
Large Text (above 18pt) WCAG AA ✓ Pass

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

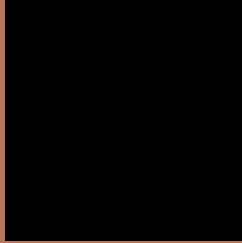
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B5765F Background



This preview shows how black text looks on a background with the Hex color B5765F.



This preview shows how white text looks on a background with the Hex color B5765F.

# 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



**Original Color**  
B5765F

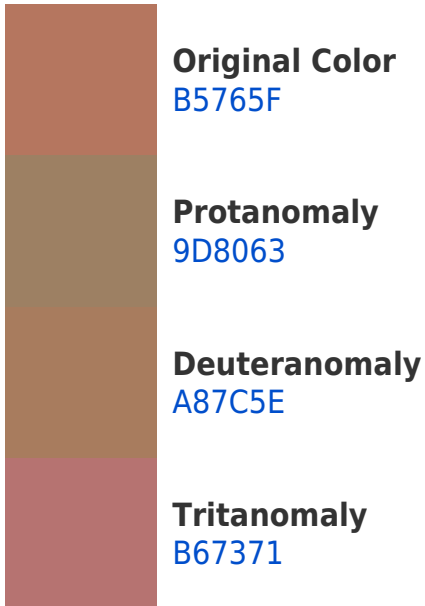
**Protanopia**  
8F8666

**Deuteranopia**  
A0805D



**Tritanopia**  
B7727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5765F 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 #B5765F looks like.

```
.text, #text, p{  
    color:#B5765F  
}
```

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 #B5765F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5765F
}
```

## Border

The CSS property to change the border of an element to Hex B5765F is called "border". The border property can be set on classes, ids or directly on the HTML element.

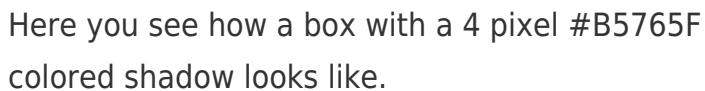
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5765F }
```

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

```
.border{ border-color:#B5765F }
```

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



Here you see how a box with a 4 pixel #B5765F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5765F; -webkit-box-shadow:4px 4px  
4px 4px #B5765F; box-shadow:4px 4px 4px  
4px #B5765F }
```

# Background

The CSS property to change the background color of an element to Hex B5765F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5765F }
```

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

```
.background{ background-color:#B5765F }
```

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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