

# Converting Colors

Hex(5B7F5C)

Have a look what the booklet for  
Hex(5B7F5C) contains.

<b>Hex(5B7F5C)</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(5B7F5C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B7F5C
RGB	91, 127, 92
RGB Percent	36%, 50%, 36%
CMY	0.6431, 0.5020, 0.6392
CMYK	0.28, 0.00, 0.28, 0.50
HSL	122°, 17%, 43%
HSV	122°, 28%, 50%
XYZ	13.8355, 18.1756, 12.9042
YIQ	112.2460, -10.2210, -18.5170

# Conversions

## Conversions Part 2

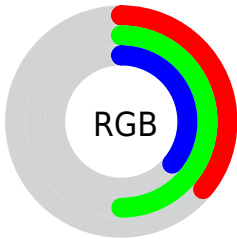
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 126, 127
Decimal	5996380
CIE <sub>Lab</sub>	49.71, -20.21, 15.05
CIE <sub>LCh</sub>	50, 25.195, 143.319
Yxy	18.1756, 0.3080, 0.4047
Android (android.graphics.Color)	4284186460 (0xFF5B7F5C)
YUV	112.2460, -9.9813, -18.6327
Hunter-Lab	42.6328, -16.6794, 11.8969

# Details

The Hex color **5B7F5C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F5B7E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8EB48E**, and **2B4E2E** is the 20% darker color. If you saturate the color by 10%, you get **4E7F50**, and if you desaturate by 10%, it is **687F68**.

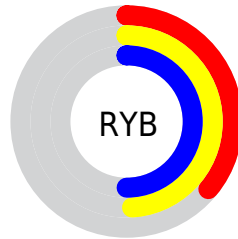
# Distribution



Red (36%)

Green (50%)

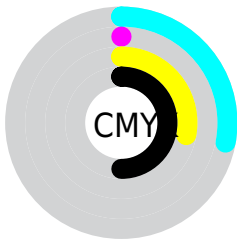
Blue (36%)



Red (36%)

Yellow (49%)

Blue (50%)

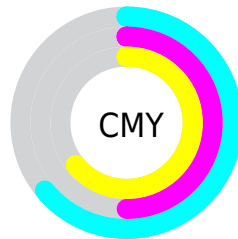


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (50%)



Cyan (64%)

Magenta (50%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B7F5C 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 5B7F5C by changing the saturation by 10% instead.



 5B7F5C

 5B7F5C

FFFFFF

 436644

 8EB48E

 2B4E2E

 A9D0A9

 143719

 C4ECC4

 002100

 E0FFE0

 000000

 FDFFFD

 5B7F5C

 5B7F5C

 4E7F50

 687F68

 427F43

 747F75

■ 357F37

■ 817F81

■ 287F2B

■ 8E7F8D

■ 1B7F1E

■ 9B7F9A

■ 0F7F12

■ A77FA6

■ 027F06

■ B47FB2

■ 007F04

■ C17FBF

■ CD7FCB

# Harmonies

## Analogous

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



747A4E



5B7F5C



418270

# Triad

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



5B7F5C



527AA0



A16766

# Complementary

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



5B7F5C



7F5B7E

# 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.



9D667C



5B7F5C



72729D

# Square

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



5B7F5C



347F98



8D6B90



996C55

# Rectangle

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



5B7F5C



33827F



8D6B90



A1666D



# Sweetspot

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



5B7F5C



97A697



7E7F5B



4B544B



D4D4D4



545454



# Same Dimension

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



5B7F5C



6DA66F



5B7F6E



39403A



008004



000000



# Inverse Universe

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



7F5B7E



A66DA4



7F5B6C



403940



80007C

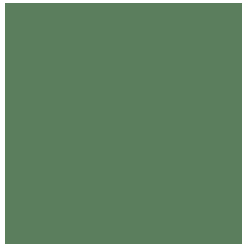


000000



# Previews

## White Background



This preview shows how the Hex color 5B7F5C looks on a white background.

## Color Contrast Check

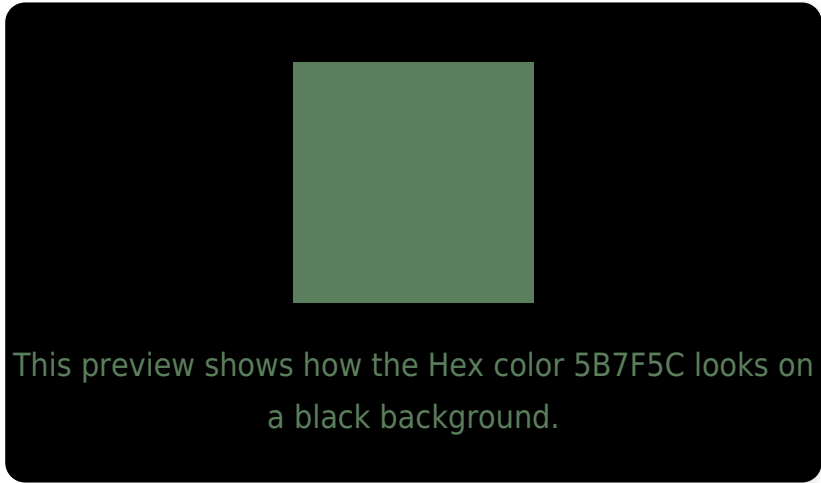
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

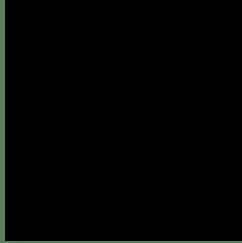
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5B7F5C Background



This preview shows how black text looks on a background with the Hex color 5B7F5C.




This preview shows how white text looks on a background with the Hex color 5B7F5C.

# 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**  
627A84

# Trichromacy



**Original Color**  
5B7F5C

**Protanomaly**  
717959

**Deuteranomaly**  
78765E

**Tritanomaly**  
5F7C75

# Monochromacy



**Original Color**  
5B7F5C

**Achromatopsia**  
707070

**Achromatomaly**  
687569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B7F5C 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 #5B7F5C looks like.

```
.text, #text, p{  
    color:#5B7F5C  
}
```

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 #5B7F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7F5C
}
```

## Border

The CSS property to change the border of an element to Hex 5B7F5C 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
#5B7F5C }
```

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

```
.border{ border-color:#5B7F5C }
```

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

Here you see how a box with a 4 pixel #5B7F5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7F5C; -webkit-box-shadow:4px 4px  
4px 4px #5B7F5C; box-shadow:4px 4px 4px  
4px #5B7F5C }
```

# Background

The CSS property to change the background color of an element to Hex 5B7F5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7F5C }
```

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

```
.background{ background-color:#5B7F5C }
```

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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