

# Converting Colors

Hex(5B7A60)

Have a look what the booklet for  
Hex(5B7A60) contains.

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# Color

**Hex(5B7A60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B7A60
RGB	91, 122, 96
RGB Percent	36%, 48%, 38%
CMY	0.6431, 0.5216, 0.6235
CMYK	0.25, 0.00, 0.21, 0.52
HSL	130°, 15%, 42%
HSV	130°, 25%, 48%
XYZ	13.3852, 16.9877, 13.6398
YIQ	109.7670, -10.1300, -14.6580

# Conversions

## Conversions Part 2

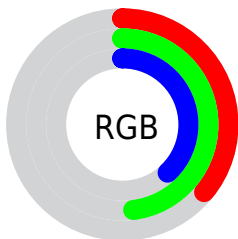
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 118, 122
Decimal	5995104
CIE <sub>Lab</sub>	48.24, -16.78, 10.69
CIE <sub>LCh</sub>	48, 19.899, 147.491
Yxy	16.9877, 0.3041, 0.3860
Android (android.graphics.Color)	4284185184 (0xFF5B7A60)
YUV	109.7670, -6.7871, -16.4587
Hunter-Lab	41.2162, -14.1592, 9.2303

# Details

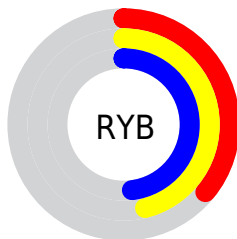
The Hex color **5B7A60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5B75**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8EAF93**, and **2C4932** is the 20% darker color. If you saturate the color by 10%, you get **4F7A56**, and if you desaturate by 10%, it is **677A6A**.

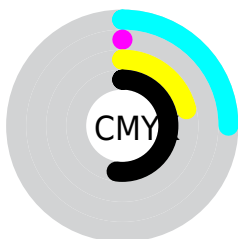
# Distribution



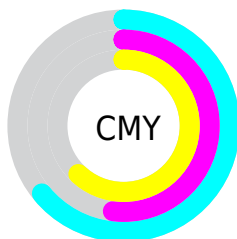
- Red (36%)
- Green (48%)
- Blue (38%)



- Red (36%)
- Yellow (46%)
- Blue (48%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B7A60 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 5B7A60 by changing the saturation by 10% instead.





5B7A60



5B7A60

FFFFFF



436148



8EAF93



2C4932



A8CAAD



16321D



C4E6C9



001E03



E0FFE5



000000



FDFFFF



5B7A60



5B7A60



4F7A56



677A6A



437A4C



737A74

 367A41

 807A7F

 2A7A37

 8C7A89

 1E7A2D

 987A93

 127A23

 A47A9D

 067A18

 B07AA8

 007A14

 BD7AB2

 C97ABC

# Harmonies

## Analogous

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



6E7654



5B7A60



497C70

# Triad

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



5B7A60



5C7594



946764

# Complementary

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



5B7A60



7A5B75

# 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.



926675



5B7A60



736F90

# Square

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



5B7A60



47798E



876985



8E6B57

# Rectangle

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



5B7A60



427C7C



876985



956769



# Sweetspot

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



5B7A60



919E93



757A5B



474F48



CFCFCF



4F4F4F



# Same Dimension

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



5B7A60



6F9E76



5B7A6F



373D38



007D14



00FC29



# Inverse Universe

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



7A5B75



9E6F96



7A5B66



3D373C



7D0069

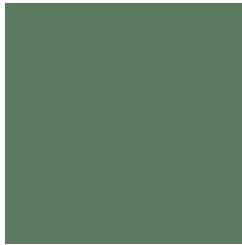


FC00D4



# Previews

## White Background



This preview shows how the Hex color 5B7A60 looks on a white background.

## Color Contrast Check

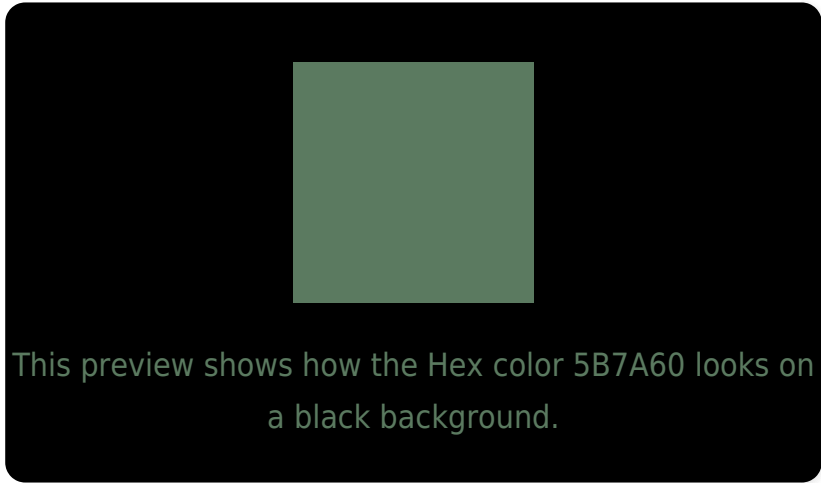
Large Text (above 18pt) WCAG AA ✓ Pass

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

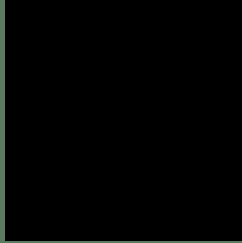
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B7A60 Background



This preview shows how black text looks on a background with the Hex color 5B7A60.

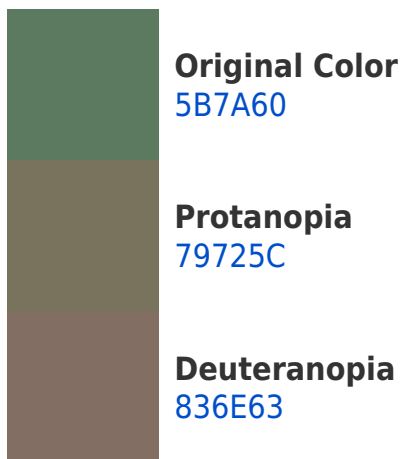



This preview shows how white text looks on a background with the Hex color 5B7A60.

# 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**  
61767F

# Trichromacy



**Original Color**  
5B7A60

**Protanomaly**  
6E755D

**Deuteranomaly**  
747262

**Tritanomaly**  
5F7774

# Monochromacy



**Original Color**  
5B7A60

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
677269

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B7A60 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 #5B7A60 looks like.

```
.text, #text, p{  
    color:#5B7A60  
}
```

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 #5B7A60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7A60
}
```

## Border

The CSS property to change the border of an element to Hex 5B7A60 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
#5B7A60 }
```

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

```
.border{ border-color:#5B7A60 }
```

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

Here you see how a box with a 4 pixel #5B7A60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7A60; -webkit-box-shadow:4px 4px  
4px 4px #5B7A60; box-shadow:4px 4px 4px  
4px #5B7A60 }
```

# Background

The CSS property to change the background color of an element to Hex 5B7A60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7A60 }
```

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

```
.background{ background-color:#5B7A60 }
```

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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