

# Converting Colors

Hex(B57A54)

Have a look what the booklet for  
Hex(B57A54) contains.

<b>Hex(B57A54)</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(B57A54)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B57A54
RGB	181, 122, 84
RGB Percent	71%, 48%, 33%
CMY	0.2902, 0.5216, 0.6706
CMYK	0.00, 0.33, 0.54, 0.29
HSL	24°, 40%, 52%
HSV	24°, 54%, 71%
XYZ	27.6158, 24.3829, 11.6384
YIQ	135.3090, 47.3620, 0.6900

# Conversions

## Conversions Part 2

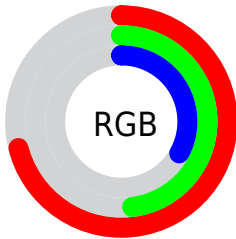
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 146, 84
Decimal	11893332
CIE Lab	56.47, 18.80, 30.03
CIE LCh	56, 35.428, 57.956
Yxy	24.3829, 0.4340, 0.3832
Android (android.graphics.Color)	4290083412 (0xFFB57A54)
YUV	135.3090, -25.2953, 40.0710
Hunter-Lab	49.3791, 13.4149, 20.5910

# Details

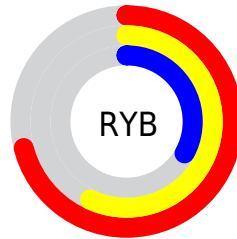
The Hex color **B57A54** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **548FB5**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **EFAF86**, and **7D4926** is the 20% darker color. If you saturate the color by 10%, you get **B56F42**, and if you desaturate by 10%, it is **B58566**.

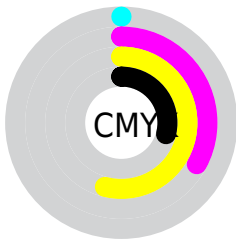
# Distribution



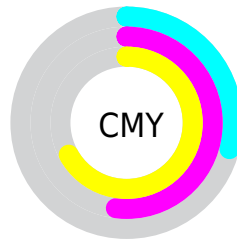
- Red (71%)
- Green (48%)
- Blue (33%)



- Red (71%)
- Yellow (57%)
- Blue (33%)



- Cyan (0%)
- Magenta (33%)
- Yellow (54%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B57A54 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 B57A54 by changing the saturation by 10% instead.



 B57A54

 B57A54

FFFFFF

 99613C

 EFAF86

 7D4926

 FFCAA1

 623210

 FFE6BC

 481C00

 FFFFD8

 2E0700

 FFFFF4

 090000

 000000

 B57A54

 B57A54

 B56F42

 B58566

 B56430

 B59078

 B5591E

 B59B8A

 B54E0C

 B5A69C

 B54700

 B5B1AF

 B5BCC1

 B5C7D3

 B5D2E5

 B5DDF7

# Harmonies

## Analogous

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



C2716C



B57A54



9D8549

# Triad

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



B57A54



279784



8780BE

# Complementary

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



B57A54



548FB5

# 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.



538BC5



B57A54



0097A3

# Square

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



B57A54



589466



0093BB



AC75A9

# Rectangle

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



B57A54



898B4B



0093BB



7884C2



# Sweetspot

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



B57A54



EBD4C5



B55490



75685F



F5F5F5



757575



# Same Dimension

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



B57A54



EB8F54



B5AA54



595450



993C00



1A0A00



# Inverse Universe

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



548FB5



54B0EB



545FB5



505659



005D99



00101A



# Previews

## White Background



This preview shows how the Hex color B57A54 looks on a white background.

## Color Contrast Check

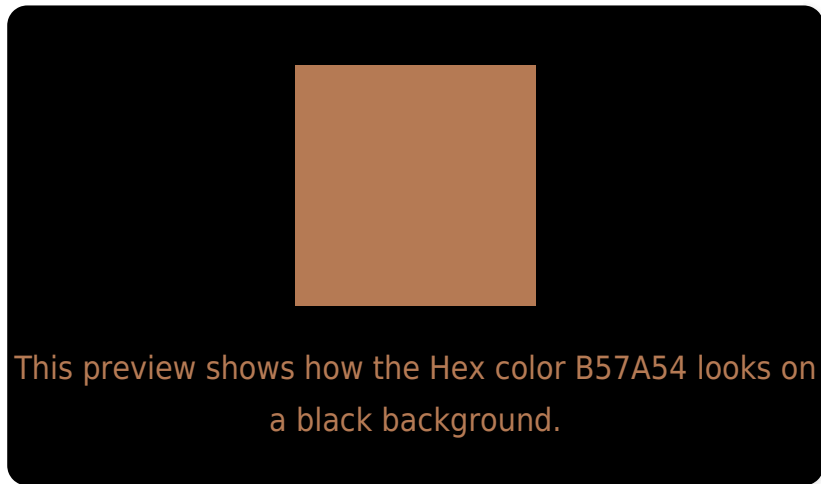
Large Text (above 18pt) WCAG AA ✓ Pass

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

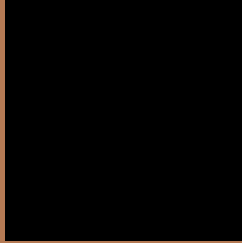
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B57A54 Background



This preview shows how black text looks on a background with the Hex color B57A54.



This preview shows how white text looks on a background with the Hex color B57A54.

# 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**  
B57A54

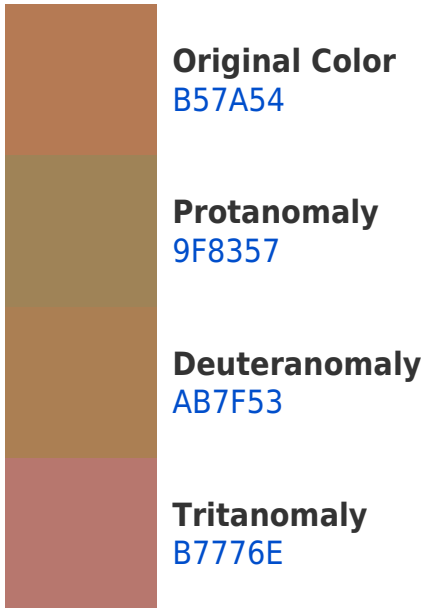
**Protanopia**  
938859

**Deuteranopia**  
A58252

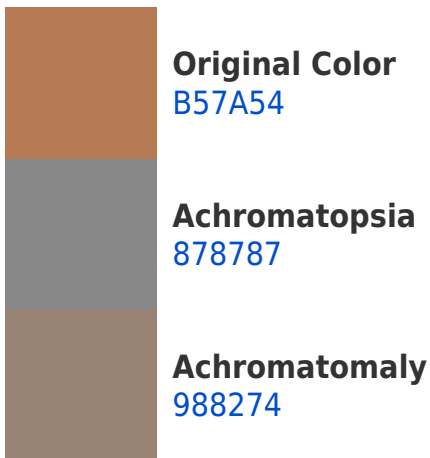


**Tritanopia**  
B8757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B57A54 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 #B57A54 looks like.

```
.text, #text, p{  
    color:#B57A54  
}
```

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 #B57A54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57A54
}
```

## Border

The CSS property to change the border of an element to Hex B57A54 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
#B57A54 }
```

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

```
.border{ border-color:#B57A54 }
```

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

Here you see how a box with a 4 pixel #B57A54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57A54; -webkit-box-shadow:4px 4px  
4px 4px #B57A54; box-shadow:4px 4px 4px  
4px #B57A54 }
```

# Background

The CSS property to change the background color of an element to Hex B57A54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57A54 }
```

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

```
.background{ background-color:#B57A54 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor