

# Converting Colors

Hex(B57A3F)

Have a look what the booklet for  
Hex(B57A3F) contains.

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**Color**

**Hex(B57A3F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B57A3F
RGB	181, 122, 63
RGB Percent	71%, 48%, 25%
CMY	0.2902, 0.5216, 0.7529
CMYK	0.00, 0.33, 0.65, 0.29
HSL	30°, 48%, 48%
HSV	30°, 65%, 71%
XYZ	26.9128, 24.1017, 7.9363
YIQ	132.9150, 54.1030, -5.8410

# Conversions

## Conversions Part 2

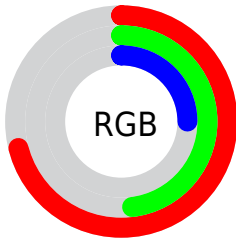
Format	Color
<b>RYB</b>	181, 181, 63
Decimal	11893311
CIELab	56.19, 17.17, 40.92
CIElCh	56, 44.376, 67.240
Yxy	24.1017, 0.4565, 0.4088
Android (android.graphics.Color)	4290083391 (0xFFB57A3F)
YUV	132.9150, -34.4681, 42.1705
Hunter-Lab	49.0935, 11.9392, 24.7809

# Details

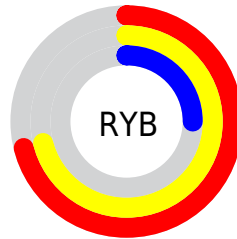
The Hex color **B57A3F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3F7AB5**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **F0AF71**, and **7C490E** is the 20% darker color. If you saturate the color by 10%, you get **B5712D**, and if you desaturate by 10%, it is **B58351**.

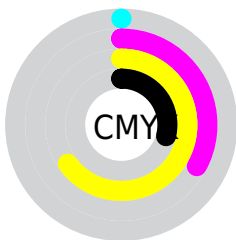
# Distribution



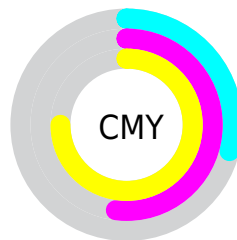
- Red (71%)
- Green (48%)
- Blue (25%)



- Red (71%)
- Yellow (71%)
- Blue (25%)



- Cyan (0%)
- Magenta (33%)
- Yellow (65%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B57A3F 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 B57A3F by changing the saturation by 10% instead.



 B57A3F

 B57A3F

FFFFFF

 986127

 F0AF71

 7C490E

 FFCA8B

 613200

 FFE6A6

 461D00

 FFFFC1

 2C0700

 FFFFDD

 020000

 FFFFFA

 000000

 B57A3F

 B57A3F

 B5712D

 B58351

 B5681B

 B58C63

 B55F09

 B59575

 B55B00

 B59E87

 B5A79A

 B5B0AC

 B5B9BE

 B5C2D0

 B5CBE2

# Harmonies

## Analogous

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



CA6C5A



B57A3F



948837

# Triad

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



B57A3F



009A8F



9679C4

# Complementary

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



B57A3F



3F7AB5

# 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.



5488D3



B57A3F



0099B4

# Square

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



B57A3F



329867



0093CD



BE6BA5

# Rectangle

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



B57A3F



7A8F3F



0093CD



837ECB



# Sweetspot

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



B57A3F



EBD3BC



B53F7A



756759



F5F5F5



757575



# Same Dimension

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



B57A3F



EB8F34



B5B53F



595550



994D00



1A0D00



# Inverse Universe

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



3F7AB5



348FEB



3F3FB5



505559



004D99

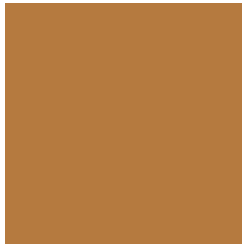


000D1A



# Previews

## White Background



This preview shows how the Hex color B57A3F looks on a white background.

## Color Contrast Check

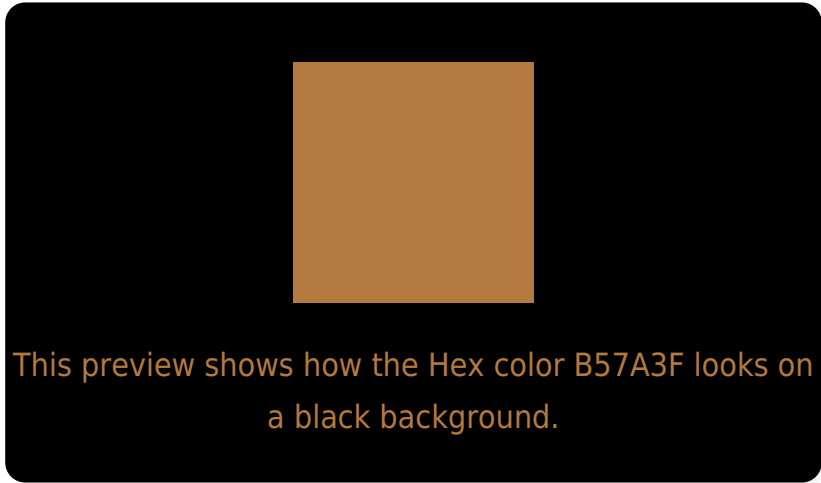
Large Text (above 18pt) WCAG AA ✓ Pass

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

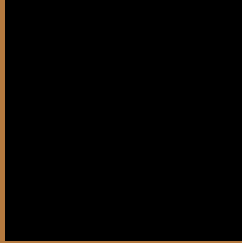
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B57A3F Background



This preview shows how black text looks on a background with the Hex color B57A3F.



This preview shows how white text looks on a background with the Hex color B57A3F.

# 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**  
B57A3F

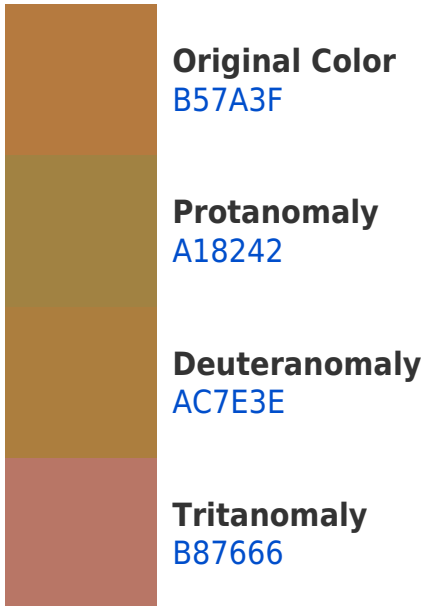
**Protanopia**  
958743

**Deuteranopia**  
A7813D

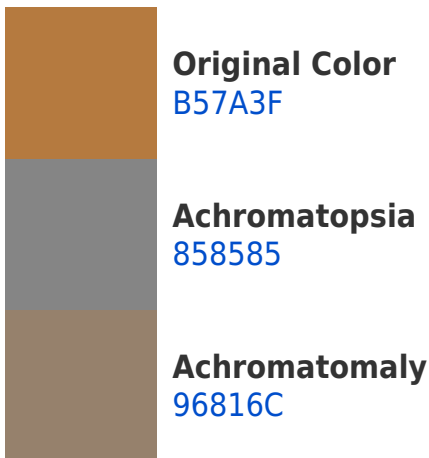


**Tritanopia**  
B9737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B57A3F 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 #B57A3F looks like.

```
.text, #text, p{  
    color:#B57A3F  
}
```

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 #B57A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57A3F
}
```

## Border

The CSS property to change the border of an element to Hex B57A3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

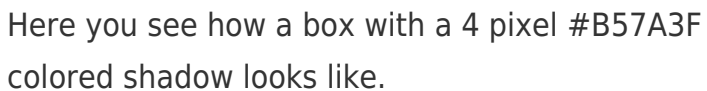
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B57A3F }
```

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

```
.border{ border-color:#B57A3F }
```

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



Here you see how a box with a 4 pixel #B57A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57A3F; -webkit-box-shadow:4px 4px  
4px 4px #B57A3F; box-shadow:4px 4px 4px  
4px #B57A3F }
```

# Background

The CSS property to change the background color of an element to Hex B57A3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57A3F }
```

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

```
.background{ background-color:#B57A3F }
```

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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