

# Converting Colors

Hex(B57E40)

Have a look what the booklet for  
Hex(B57E40) contains.

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**Color**

**Hex(B57E40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B57E40
RGB	181, 126, 64
RGB Percent	71%, 49%, 25%
CMY	0.2902, 0.5059, 0.7490
CMYK	0.00, 0.30, 0.65, 0.29
HSL	32°, 48%, 48%
HSV	32°, 65%, 71%
XYZ	27.4423, 25.1156, 8.2519
YIQ	135.3770, 52.6820, -7.6220

# Conversions

## Conversions Part 2

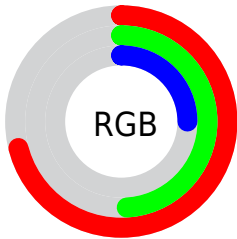
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 181, 64</a>
Decimal	<a href="#">11894336</a>
CIELab	<a href="#">57.19, 15.00, 41.55</a>
CIElCh	<a href="#">57, 44.175, 70.145</a>
Yxy	<a href="#">25.1156, 0.4513, 0.4130</a>
Android (android.graphics.Color)	<a href="#">4290084416 (0xFFB57E40)</a>
YUV	<a href="#">135.3770, -35.1889, 40.0114</a>
Hunter-Lab	<a href="#">50.1155, 10.0412, 25.3183</a>

# Details

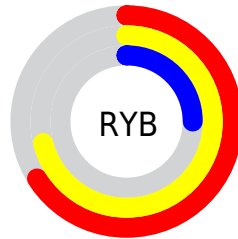
The Hex color **B57E40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4077B5**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F0B372**, and **7C4D0F** is the 20% darker color. If you saturate the color by 10%, you get **B5752E**, and if you desaturate by 10%, it is **B58752**.

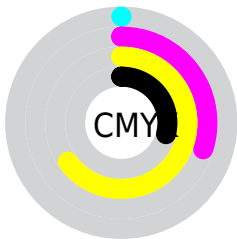
# Distribution



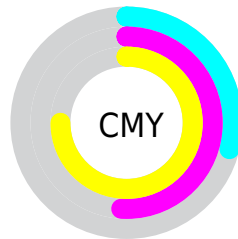
- Red (71%)
- Green (49%)
- Blue (25%)



- Red (66%)
- Yellow (71%)
- Blue (25%)



- Cyan (0%)
- Magenta (30%)
- Yellow (65%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B57E40 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 B57E40 by changing the saturation by 10% instead.



 B57E40

 B57E40

FFFFFF

 986528

 F0B372

 7C4D0F

 FFCE8C

 613600

 FFEAA7

 462100

 FFFF00

 2C0C00

 FFFFDF

 080000

 FFFFFB

 000000

 B57E40

 B57E40

 B5752E

 B58752

 B56D1C

 B58F64

 B5640A

 B59876

 B56000

 B5A088

 B5A99B

 B5B1AD

 B5BABF

 B5C2D1

 B5CBE3

# Harmonies

## Analogous

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



CB7059



B57E40



938B3A

# Triad

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



B57E40



009D96



9D7AC4

# Complementary

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



B57E40



4077B5

# 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.



5F89D5



B57E40



009BBA

# Square

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



B57E40



2E9B6E



0094D1



C36DA4

# Rectangle

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



B57E40



789244



0094D1



8C7FCC



# Sweetspot

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



B57E40



EBD6BE



B54079



75695A



F5F5F5



757575



# Same Dimension

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



B57E40



EB9534



B3B540



595550



995100



1A0E00



# Inverse Universe

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



4077B5



348AEB



4240B5



505559



004899

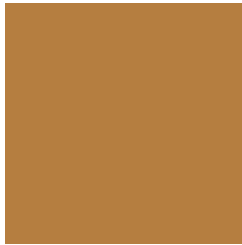


000C1A



# Previews

## White Background



This preview shows how the Hex color B57E40 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 B57E40 Background



This preview shows how black text looks on a background with the Hex color B57E40.



This preview shows how white text looks on a background with the Hex color B57E40.

# 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**  
B57E40

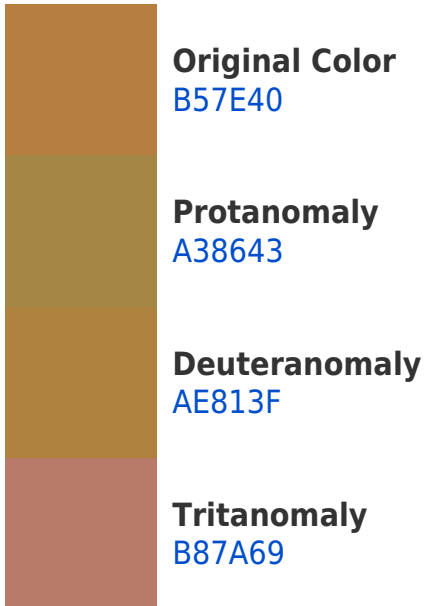
**Protanopia**  
988A44

**Deuteranopia**  
AA833F

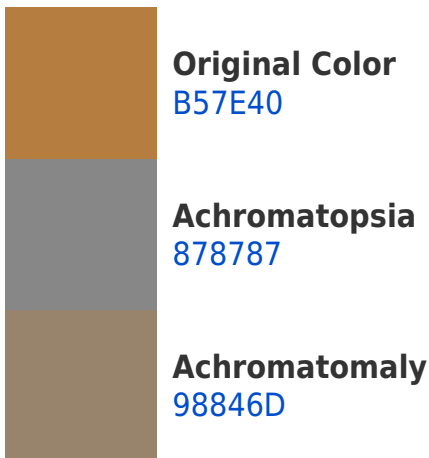


**Tritanopia**  
B97780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B57E40 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 #B57E40 looks like.

```
.text, #text, p{  
    color:#B57E40  
}
```

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 #B57E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57E40
}
```

## Border

The CSS property to change the border of an element to Hex B57E40 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
#B57E40 }
```

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

```
.border{ border-color:#B57E40 }
```

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

Here you see how a box with a 4 pixel #B57E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57E40; -webkit-box-shadow:4px 4px  
4px 4px #B57E40; box-shadow:4px 4px 4px  
4px #B57E40 }
```

# Background

The CSS property to change the background color of an element to Hex B57E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57E40 }
```

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

```
.background{ background-color:#B57E40 }
```

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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