

# Converting Colors

Hex(B67B4E)

Have a look what the booklet for  
Hex(B67B4E) contains.

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**Color**

**Hex(B67B4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B67B4E
RGB	182, 123, 78
RGB Percent	71%, 48%, 31%
CMY	0.2863, 0.5176, 0.6941
CMYK	0.00, 0.32, 0.57, 0.29
HSL	26°, 42%, 51%
HSV	26°, 57%, 71%
XYZ	27.7495, 24.6611, 10.5052
YIQ	135.5110, 49.6090, -1.4870

# Conversions

## Conversions Part 2

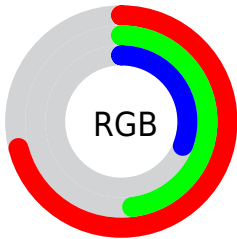
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 157, 78
Decimal	11959118
CIE <sub>Lab</sub>	56.74, 18.15, 33.69
CIE <sub>LCh</sub>	57, 38.267, 61.691
Yxy	24.6611, 0.4411, 0.3920
Android (android.graphics.Color)	4290149198 (0xFFB67B4E)
YUV	135.5110, -28.3529, 40.7709
Hunter-Lab	49.6599, 12.8394, 22.2195

# Details

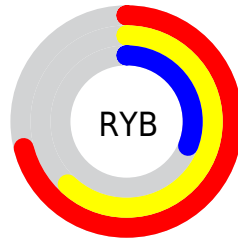
The Hex color **B67B4E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4E89B6**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F1B080**, and **7E4A20** is the 20% darker color. If you saturate the color by 10%, you get **B6713C**, and if you desaturate by 10%, it is **B68560**.

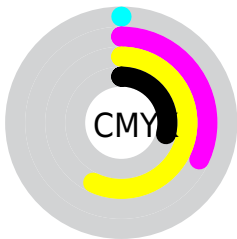
# Distribution



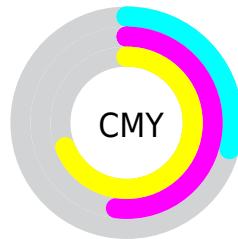
- Red (71%)
- Green (48%)
- Blue (31%)



- Red (71%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B67B4E 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 B67B4E by changing the saturation by 10% instead.



 B67B4E

 B67B4E

FFFFFF

 9A6236

 F1B080

 7E4A20

 FFCB9A

 623308

 FFE7B5

 481D00

 FFFFD1

 2E0800

 FFFFEE

 0B0000

 000000


 B67B4E

 B67B4E

 B6713C

 B68560

 B6662A

 B69072

 B65C17

 B69A85

 B65205

 B6A497

 B64F00

 B6AFA9

 B6B9BB

 B6C3CD

 B6CEE0

 B6D8F2

# Harmonies

## Analogous

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



C67167



B67B4E



9B8744

# Triad

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



B67B4E



009989



8E7FC1

# Complementary

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



B67B4E



4E89B6

# 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.



558BCA



B67B4E



0099AA

# Square

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



B67B4E



4F9767



0094C2



B373A8

# Rectangle

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



B67B4E



858E48



0094C2



7D83C6



# Sweetspot

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



B67B4E



EDD6C5



B64E8B



786A60



F7F7F7



787878



# Same Dimension

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



B67B4E



ED904A



B6AD4E



5C5753



9C4300



1C0C00



# Inverse Universe

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



4E89B6



4AA6ED



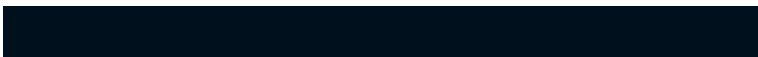
4E57B6



53585C



00589C

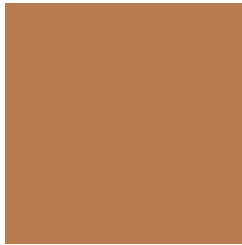


00101C



# Previews

## White Background



This preview shows how the Hex color B67B4E looks on a white background.

## Color Contrast Check

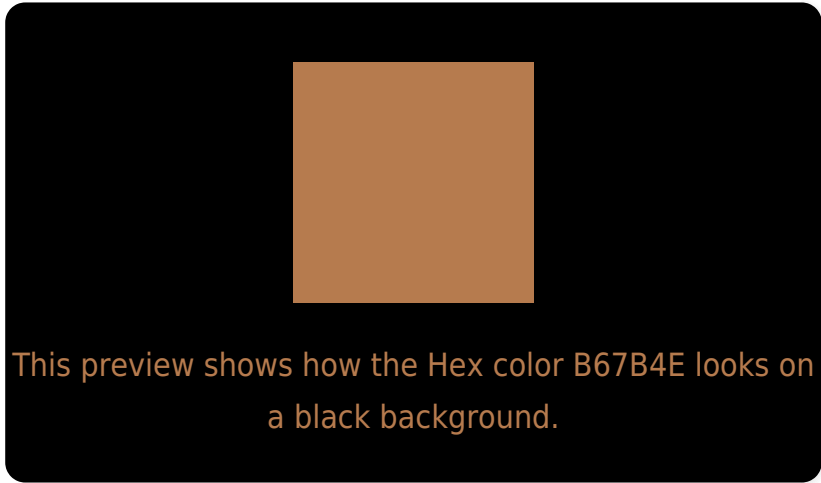
Large Text (above 18pt) WCAG AA ✓ Pass

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

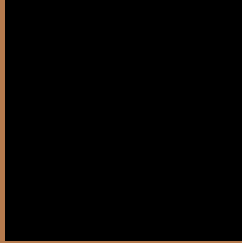
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B67B4E Background



This preview shows how black text looks on a background with the Hex color B67B4E.



This preview shows how white text looks on a background with the Hex color B67B4E.

# 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](#).

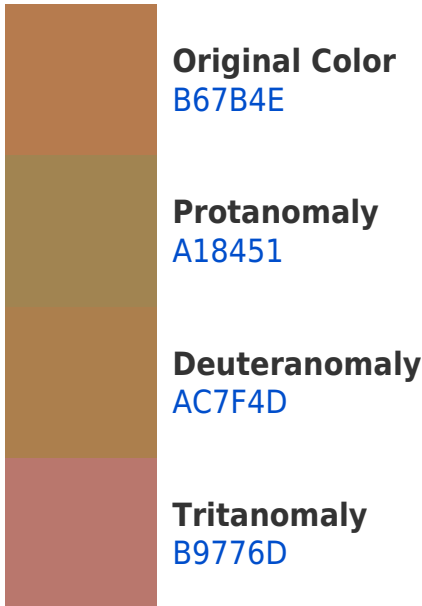
## Dichromacy



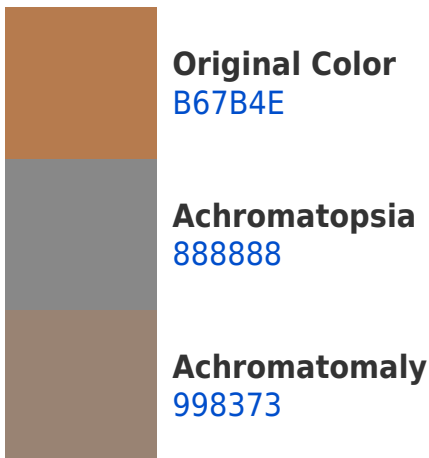


**Tritanopia**  
BA757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B67B4E 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 #B67B4E looks like.

```
.text, #text, p{  
    color:#B67B4E  
}
```

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 #B67B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B67B4E
}
```

## Border

The CSS property to change the border of an element to Hex B67B4E 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
#B67B4E }
```

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

```
.border{ border-color:#B67B4E }
```

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

Here you see how a box with a 4 pixel #B67B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B67B4E; -webkit-box-shadow:4px 4px  
4px 4px #B67B4E; box-shadow:4px 4px 4px  
4px #B67B4E }
```

# Background

The CSS property to change the background color of an element to Hex B67B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B67B4E }
```

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

```
.background{ background-color:#B67B4E }
```

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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