

# Converting Colors

Hex(B47B3C)

Have a look what the booklet for  
Hex(B47B3C) contains.

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**Color**

**Hex(B47B3C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B47B3C
RGB	180, 123, 60
RGB Percent	71%, 48%, 24%
CMY	0.2941, 0.5176, 0.7647
CMYK	0.00, 0.32, 0.67, 0.29
HSL	32°, 50%, 47%
HSV	32°, 67%, 71%
XYZ	26.7210, 24.1955, 7.5368
YIQ	132.8610, 54.1950, -7.5090

# Conversions

## Conversions Part 2

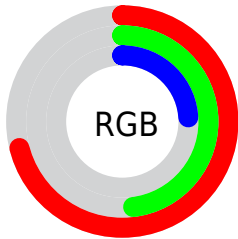
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 180, 60
Decimal	11828028
CIELab	56.28, 15.98, 42.51
CIELCh	56, 45.413, 69.393
Yxy	24.1955, 0.4571, 0.4139
Android (android.graphics.Color)	4290018108 (0xFFB47B3C)
YUV	132.8610, -35.9205, 41.3409
Hunter-Lab	49.1889, 10.8863, 25.3477

# Details

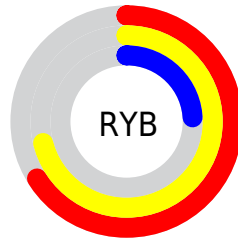
The Hex color **B47B3C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C75B4**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **EFB06E**, and **7B4A09** is the 20% darker color. If you saturate the color by 10%, you get **B4722A**, and if you desaturate by 10%, it is **B4844E**.

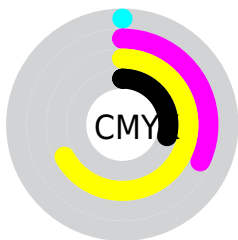
# Distribution



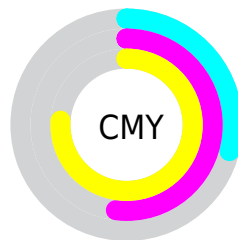
- Red (71%)
- Green (48%)
- Blue (24%)



- Red (66%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47B3C 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 B47B3C by changing the saturation by 10% instead.



 B47B3C

 B47B3C

FFFFFF

 976224

 EFB06E

 7B4A09

 FFCB88

 603300

 FFE7A3

 451E00

 FFFFBE

 2B0900

 FFFFDA

 000000

 FFFFF7

 B47B3C

 B47B3C

 B4722A

 B4844E

 B46A18

 B48C60

 B46106

 B49572

 B45E00

 B49D84

 B4A696

 B4AEA8

 B4B7BA

 B4BFCC

 B4C8DE

# Harmonies

## Analogous

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



CB6D57



B47B3C



928935

# Triad

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



B47B3C



009B93



9A78C4

# Complementary

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



B47B3C



3C75B4

# 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.



5887D5



B47B3C



0099B8

# Square

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



B47B3C



28996A



0093D0



C169A4

# Rectangle

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



B47B3C



76903F



0093D0



887DCC



# Sweetspot

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



B47B3C



EBD4BC



B43C76



756859



F5F5F5



757575



# Same Dimension

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



B47B3C



EB912F



B2B43C



595550



995000



1A0D00



# Inverse Universe

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



3C75B4



2F88EB



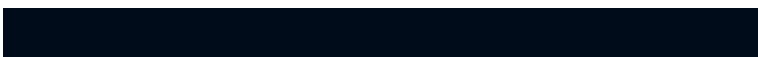
3E3CB4



505559



004999



000C1A



# Previews

## White Background



This preview shows how the Hex color B47B3C looks on a white background.

## Color Contrast Check

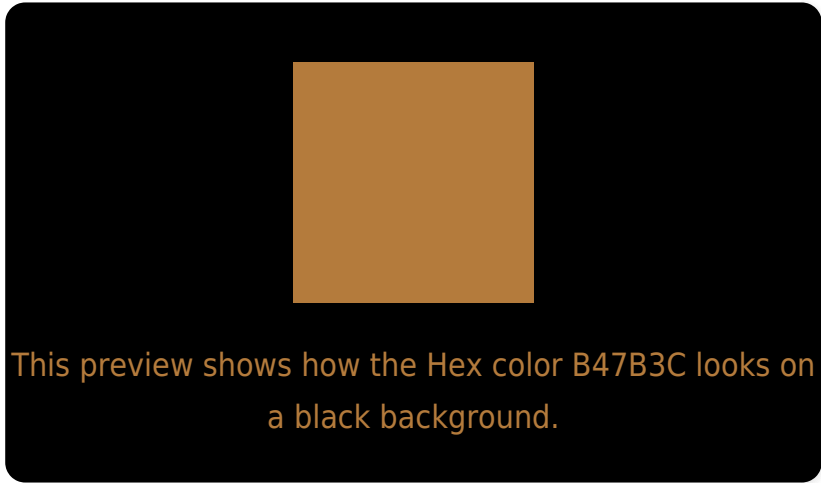
Large Text (above 18pt) WCAG AA ✓ Pass

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

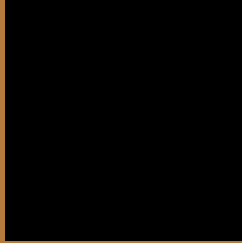
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B47B3C Background



This preview shows how black text looks on a background with the Hex color B47B3C.



This preview shows how white text looks on a background with the Hex color B47B3C.

# 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**  
B47B3C

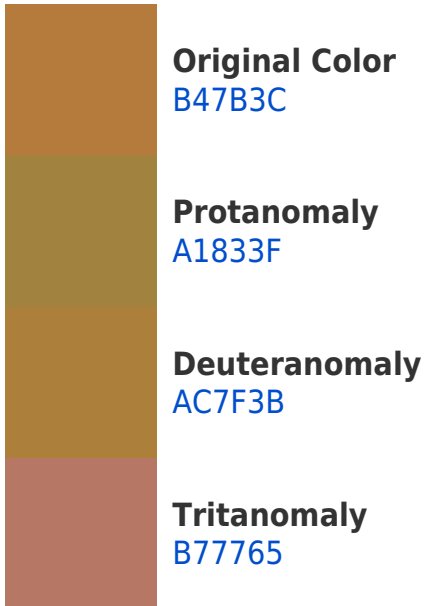
**Protanopia**  
968740

**Deuteranopia**  
A8813B

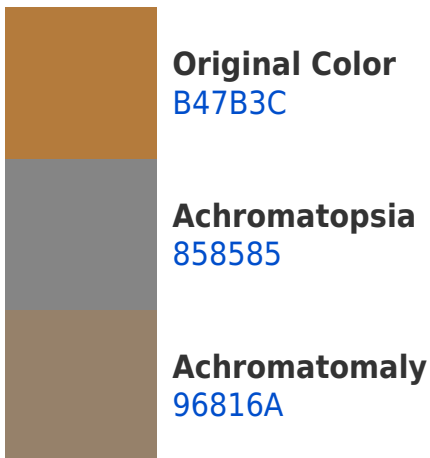


**Tritanopia**  
B8747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47B3C 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 #B47B3C looks like.

```
.text, #text, p{  
    color:#B47B3C  
}
```

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 #B47B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47B3C
}
```

## Border

The CSS property to change the border of an element to Hex B47B3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

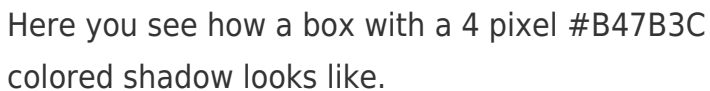
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47B3C }
```

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

```
.border{ border-color:#B47B3C }
```

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



Here you see how a box with a 4 pixel #B47B3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47B3C; -webkit-box-shadow:4px 4px  
4px 4px #B47B3C; box-shadow:4px 4px 4px  
4px #B47B3C }
```

# Background

The CSS property to change the background color of an element to Hex B47B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47B3C }
```

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

```
.background{ background-color:#B47B3C }
```

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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