

# Converting Colors

Hex(B6743B)

Have a look what the booklet for  
Hex(B6743B) contains.

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**Color**

**Hex(B6743B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6743B
RGB	182, 116, 59
RGB Percent	71%, 45%, 23%
CMY	0.2863, 0.5451, 0.7686
CMYK	0.00, 0.36, 0.68, 0.29
HSL	28°, 51%, 47%
HSV	28°, 68%, 71%
XYZ	26.3262, 22.7516, 7.1416
YIQ	129.2360, 57.6330, -3.7350

# Conversions

## Conversions Part 2

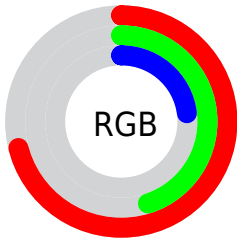
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 165, 59
Decimal	11957307
CIELab	54.82, 20.69, 41.44
CIELCh	55, 46.316, 63.471
Yxy	22.7516, 0.4683, 0.4047
Android (android.graphics.Color)	4290147387 (0xFFB6743B)
YUV	129.2360, -34.6263, 46.2740
Hunter-Lab	47.6987, 15.0464, 24.5119

# Details

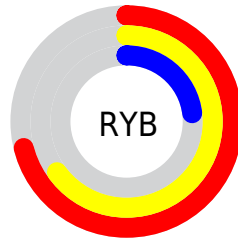
The Hex color **B6743B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B7DB6**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F1A86C**, and **7D4309** is the 20% darker color. If you saturate the color by 10%, you get **B66A29**, and if you desaturate by 10%, it is **B67E4D**.

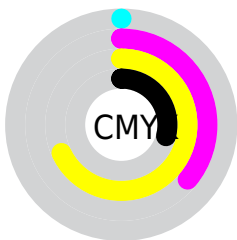
# Distribution



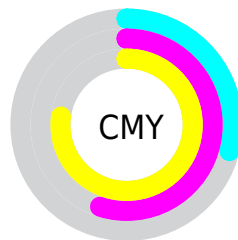
- Red (71%)
- Green (45%)
- Blue (23%)



- Red (71%)
- Yellow (65%)
- Blue (23%)



- Cyan (0%)
- Magenta (36%)
- Yellow (68%)
- Black (29%)



- Cyan (29%)
- Magenta (55%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6743B 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 B6743B by changing the saturation by 10% instead.



 B6743B

 B6743B

FFFFFF

 995B23

 F1A86C

 7D4309

 FFC486

 612D00

 FFE0A1

 451700

 FFFCBC

 2C0000

 FFFFD8

 000000

 FFFFF5


 B6743B

 B6743B


 B66A29

 B67E4D

 B66017

 B6885F

 B65704

 B69172

 B65400

 B69B84

 B6A596

 B6AFA8

 B6B8BA

 B6C2CD

 B6CCDF

# Harmonies

## Analogous

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



CA6659



B6743B



95832F

# Triad

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



B6743B



009787



8C77C6

# Complementary

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



B6743B



3B7DB6

# 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.



3D86D3



B6743B



0096AE

# Square

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



B6743B



32945E



0091CA



B867A8

# Rectangle

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



B6743B



7B8A35



0091CA



777CCD



# Sweetspot

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



B6743B



EDD4BE



B63B7F



78685B



F7F7F7



787878



# Same Dimension

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



B6743B



ED862D



B6B03B



5C5753



9C4800



1C0D00



# Inverse Universe

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



3B7DB6



2D94ED



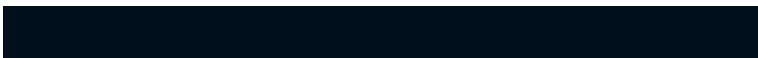
3B41B6



53585C



00539C

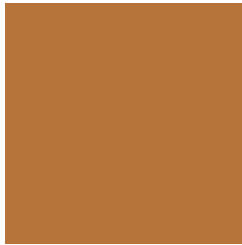


000F1C



# Previews

## White Background



This preview shows how the Hex color B6743B looks on a white background.

## Color Contrast Check

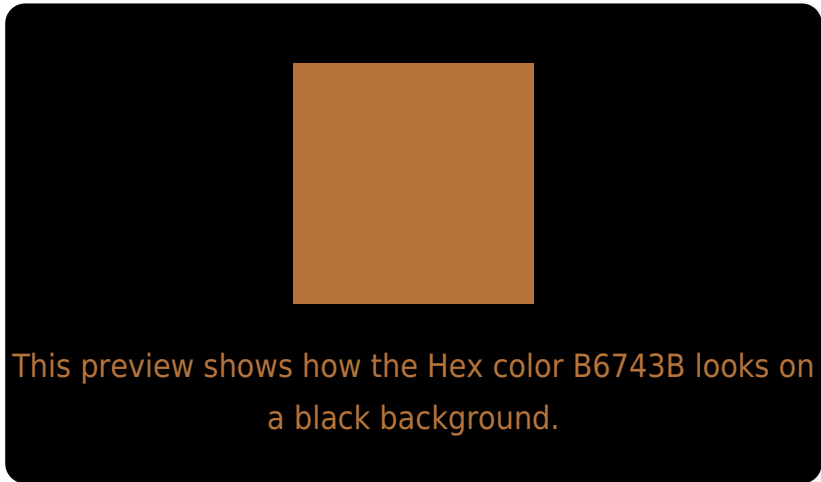
Large Text (above 18pt) WCAG AA ✓ Pass

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

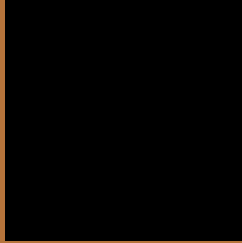
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B6743B Background



This preview shows how black text looks on a background with the Hex color B6743B.



This preview shows how white text looks on a background with the Hex color B6743B.

# 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**  
B6743B

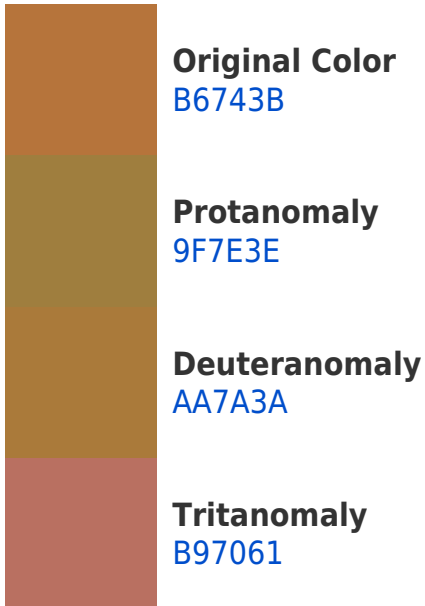
**Protanopia**  
928440

**Deuteranopia**  
A37D39



**Tritanopia**  
BA6D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6743B 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 #B6743B looks like.

```
.text, #text, p{  
    color:#B6743B  
}
```

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 #B6743B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6743B
}
```

## Border

The CSS property to change the border of an element to Hex B6743B 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
#B6743B }
```

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

```
.border{ border-color:#B6743B }
```

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

Here you see how a box with a 4 pixel #B6743B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6743B; -webkit-box-shadow:4px 4px  
4px 4px #B6743B; box-shadow:4px 4px 4px  
4px #B6743B }
```

# Background

The CSS property to change the background color of an element to Hex B6743B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6743B }
```

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

```
.background{ background-color:#B6743B }
```

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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