

# Converting Colors

Hex(B6711B)

Have a look what the booklet for  
Hex(B6711B) contains.

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**Color**

**Hex(B6711B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6711B
RGB	182, 113, 27
RGB Percent	71%, 44%, 11%
CMY	0.2863, 0.5569, 0.8941
CMYK	0.00, 0.38, 0.85, 0.29
HSL	33°, 74%, 41%
HSV	33°, 85%, 71%
XYZ	25.3944, 21.8345, 3.9130
YIQ	123.8270, 68.7300, -12.1180

# Conversions

## Conversions Part 2

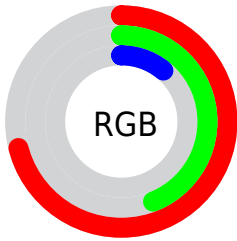
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 182, 27
Decimal	11956507
CIE <sub>Lab</sub>	53.85, 20.95, 54.43
CIE <sub>LCh</sub>	54, 58.326, 68.946
Yxy	21.8345, 0.4965, 0.4269
Android (android.graphics.Color)	4290146587 (0xFFB6711B)
YUV	123.8270, -47.7357, 51.0177
Hunter-Lab	46.7274, 15.2344, 27.7442

# Details

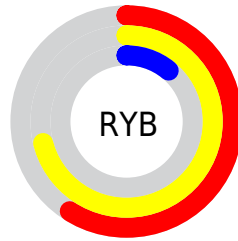
The Hex color **B6711B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1B60B6**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F3A550**, and **7B4100** is the 20% darker color. If you saturate the color by 10%, you get **B66909**, and if you desaturate by 10%, it is **B6792D**.

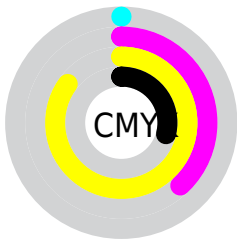
# Distribution



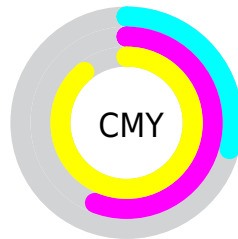
- Red (71%)
- Green (44%)
- Blue (11%)



- Red (59%)
- Yellow (71%)
- Blue (11%)



- Cyan (0%)
- Magenta (38%)
- Yellow (85%)
- Black (29%)



- Cyan (29%)
- Magenta (56%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6711B 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 B6711B by changing the saturation by 10% instead.



 B6711B

 B6711B

FFFFFF

 985800

 F3A550

 7B4100

 FFC06A

 5F2A00

 FFDC84

 431500

 FFF99F

 2A0000

 FFFFBB

 000000

 FFFFD7

 FFFFF4

 B6711B

 B6711B

 B66909

 B6792D

 B66500

 B6813F

 B68952

 B69164

 B69A76

 B6A288

 B6AA9A

 B6B2AD

 B6BABF

# Harmonies

## Analogous

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



D35C44



B6711B



8C8305

# Triad

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



B6711B



00988F



966DD0

# Complementary

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



B6711B



1B60B6

# 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.



2382E5



B6711B



0097BF

# Square

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



B6711B



00965B



0090DE



C857A6

# Rectangle

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



B6711B



698C1D



0090DE



7C74D9



# Sweetspot

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



B6711B



EDD2AF



B61B61



786753



F7F7F7



787878



# Same Dimension

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



B6711B



ED8400



AEB61B



5C5853



9C5600



1C1000



# Inverse Universe

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



1B60B6



006AED



231BB6



53575C



00459C



000C1C



# Previews

## White Background



This preview shows how the Hex color B6711B 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 B6711B Background



This preview shows how black text looks on a background with the Hex color B6711B.



This preview shows how white text looks on a background with the Hex color B6711B.

# 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**  
B6711B

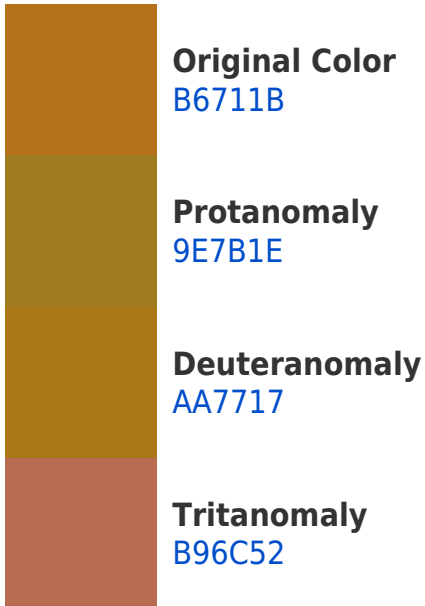
**Protanopia**  
91811F

**Deuteranopia**  
A37B15

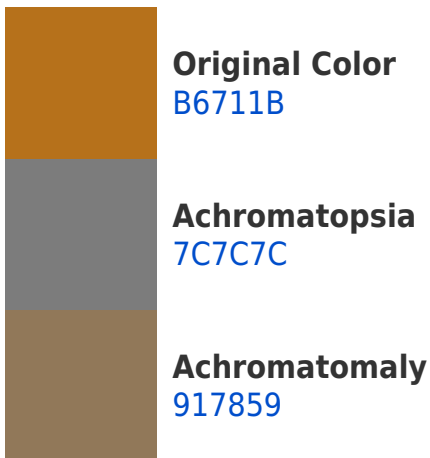


**Tritanopia**  
BA6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6711B 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 #B6711B looks like.

```
.text, #text, p{  
    color:#B6711B  
}
```

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 #B6711B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6711B
}
```

## Border

The CSS property to change the border of an element to Hex B6711B 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
#B6711B }
```

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

```
.border{ border-color:#B6711B }
```

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

Here you see how a box with a 4 pixel #B6711B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6711B; -webkit-box-shadow:4px 4px  
4px 4px #B6711B; box-shadow:4px 4px 4px  
4px #B6711B }
```

# Background

The CSS property to change the background color of an element to Hex B6711B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6711B }
```

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

```
.background{ background-color:#B6711B }
```

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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