

# Converting Colors

Hex(B0751C)

Have a look what the booklet for  
Hex(B0751C) contains.

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**Color**

**Hex(B0751C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0751C
RGB	176, 117, 28
RGB Percent	69%, 46%, 11%
CMY	0.3098, 0.5412, 0.8902
CMYK	0.00, 0.34, 0.84, 0.31
HSL	36°, 73%, 40%
HSV	36°, 84%, 69%
XYZ	24.4754, 22.0365, 4.0621
YIQ	124.4950, 63.7330, -15.1710

# Conversions

## Conversions Part 2

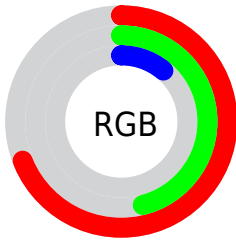
Format	Color
<a href="#">RYB</a>	<a href="#">126, 176, 28</a>
Decimal	<a href="#">11564316</a>
CIELab	<a href="#">54.07, 16.09, 53.97</a>
CIElCh	<a href="#">54, 56.323, 73.396</a>
Yxy	<a href="#">22.0365, 0.4840, 0.4357</a>
Android (android.graphics.Color)	<a href="#">4289754396</a> ( <a href="#">0xFFB0751C</a> )
YUV	<a href="#">124.4950, -47.5720, 45.1699</a>
Hunter-Lab	<a href="#">46.9431, 10.9167, 27.7297</a>

# Details

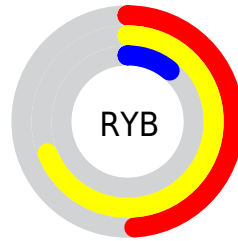
The Hex color **B0751C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1C57B0**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ECA951**, and **764500** is the 20% darker color. If you saturate the color by 10%, you get **B06E0A**, and if you desaturate by 10%, it is **B07C2E**.

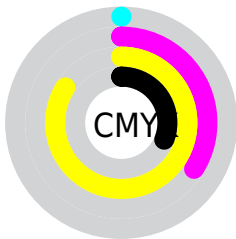
# Distribution



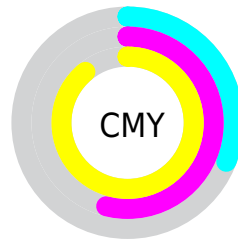
- Red (69%)
- Green (46%)
- Blue (11%)



- Red (49%)
- Yellow (69%)
- Blue (11%)



- Cyan (0%)
- Magenta (34%)
- Yellow (84%)
- Black (31%)



- Cyan (31%)
- Magenta (54%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0751C 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 B0751C by changing the saturation by 10% instead.



 B0751C

 B0751C

FFFFFF

 935C00

 ECA951

 764500

 FFC46B

 5A2E00

 FFE085

 3F1900

 FFFDA0

 260200

 FFFFBC

 000000

 FFFFD9

 FFFFF5

 B0751C

 B0751C

 B06E0A

 B07C2E

 B06A00

 B0833F

 B08A51

 B09162

 B09874

 B09F86

 B0A697

 B0ADA9

 B0B4BA

# Harmonies

## Analogous

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



CE6140



B0751C



858613

# Triad

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



B0751C



009896



9F6BC8

# Complementary

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



B0751C



1C57B0

# 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.



487FE0



B0751C



0096C3

# Square

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



B0751C



009764



008EDE



CB579E

# Rectangle

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



B0751C



638E28



008EDE



8972D3



# Sweetspot

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



B0751C



E6CFAC



B01C57



736550



F2F2F2



737373



# Same Dimension

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



B0751C



E68A00



A1B01C



595650



995C00



1A0F00



# Inverse Universe

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



1C57B0



005BE6



2B1CB0



505459



003D99



000A1A



# Previews

## White Background



This preview shows how the Hex color B0751C looks on a white background.

## Color Contrast Check

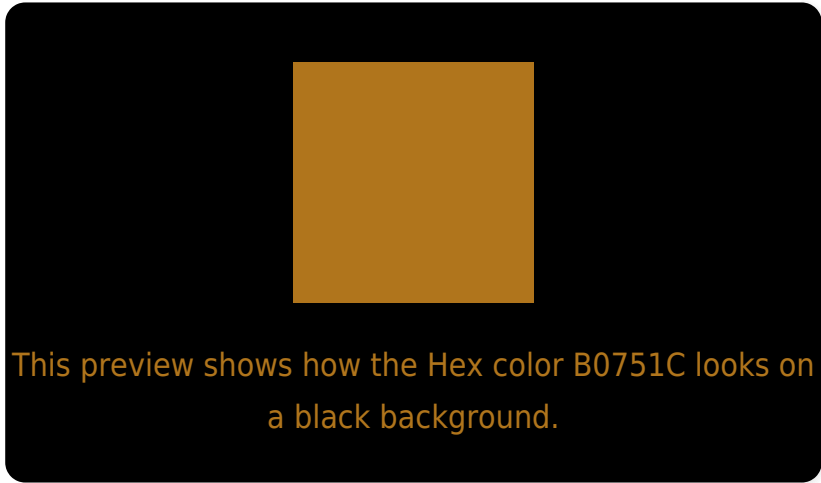
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0751C Background



This preview shows how black text looks on a background with the Hex color B0751C.



This preview shows how white text looks on a background with the Hex color B0751C.

# 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**  
B0751C

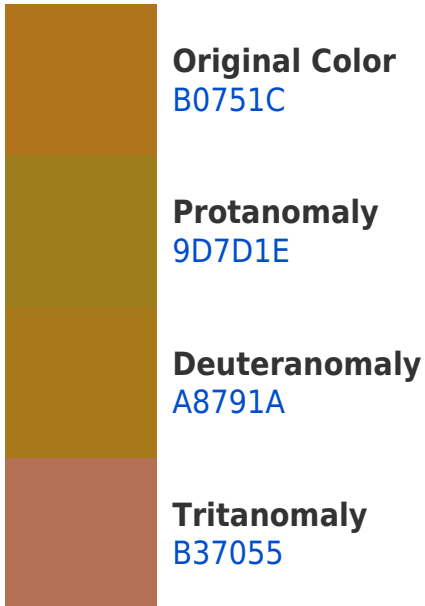
**Protanopia**  
92821F

**Deuteranopia**  
A47B19



**Tritanopia**  
B56D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0751C 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 #B0751C looks like.

```
.text, #text, p{  
    color:#B0751C  
}
```

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 #B0751C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0751C
}
```

## Border

The CSS property to change the border of an element to Hex B0751C 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
#B0751C }
```

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

```
.border{ border-color:#B0751C }
```

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

Here you see how a box with a 4 pixel #B0751C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0751C; -webkit-box-shadow:4px 4px  
4px 4px #B0751C; box-shadow:4px 4px 4px  
4px #B0751C }
```

# Background

The CSS property to change the background color of an element to Hex B0751C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0751C }
```

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

```
.background{ background-color:#B0751C }
```

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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