

# Converting Colors

Hex(BE6B0F)

Have a look what the booklet for  
Hex(BE6B0F) contains.

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# Color

Hex(**BE6B0F**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE6B0F
RGB	190, 107, 15
RGB Percent	75%, 42%, 6%
CMY	0.2549, 0.5804, 0.9412
CMYK	0.00, 0.44, 0.92, 0.25
HSL	32°, 85%, 40%
HSV	32°, 92%, 75%
XYZ	26.5791, 21.4970, 3.2004
YIQ	121.3290, 79.0000, -11.0160

# Conversions

## Conversions Part 2

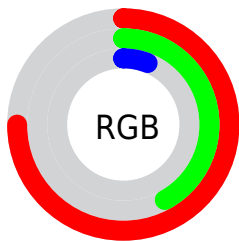
Format	Color
<b>RYB</b>	173, 190, 15
Decimal	12479247
CIELab	53.49, 27.44, 58.09
CIELCh	53, 64.243, 64.710
Yxy	21.4970, 0.5183, 0.4192
Android (android.graphics.Color)	4290669327 (0xFFBE6B0F)
YUV	121.3290, -52.4202, 60.2245
Hunter-Lab	46.3649, 21.1883, 28.3628

# Details

The Hex color **BE6B0F** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0F62BE**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FC9F48**, and **823A00** is the 20% darker color. If you saturate the color by 10%, you get **BE6400**, and if you desaturate by 10%, it is **BE7422**.

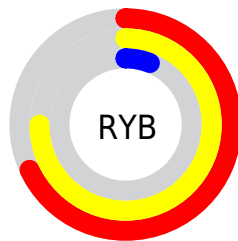
# Distribution



Red (75%)

Green (42%)

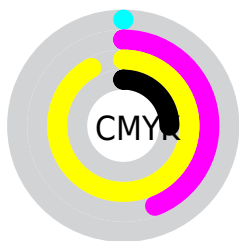
Blue (6%)



Red (68%)

Yellow (75%)

Blue (6%)

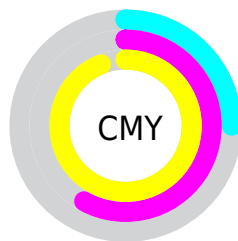


Cyan (0%)

Magenta (44%)

Yellow (92%)

Black (25%)



Cyan (25%)

Magenta (58%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE6B0F 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 BE6B0F by changing the saturation by 10% instead.



 BE6B0F

 BE6B0F

FFFFFF

 A05200

 FC9F48

 823A00

 FFBA62

 652300

 FFD67C

 490C00

 FFF397

 2F0000

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 BE6B0F

 BE6B0F

■ BE6400

■ BE7422

■ BE7D35

■ BE8648

■ BE8F5B

■ BE986E

■ BEA181

■ BEAA94

■ BEB3A7

■ BEBCBA

# Harmonies

## Analogous

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



DB5244



BE6B0F



928000

# Triad

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



BE6B0F



009987



8A6DDC

# Complementary

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



BE6B0F



0F62BE

# 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.



0084EF



BE6B0F



0098BE

# Square

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



BE6B0F



00964E



0092E4



C852B0

# Rectangle

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



BE6B0F



6D8A00



0092E4



6975E5



# Sweetspot

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



BE6B0F



F7D7B2



BE0F64



7D6952



FCFCFC



7D7D7D



# Same Dimension

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



BE6B0F



F78200



BBBE0F



5E5A55



9E5300



1F1000



# Inverse Universe

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



0F62BE



0075F7



120FBE



55595E



004B9E



000F1F



# Previews

## White Background



This preview shows how the Hex color BE6B0F looks on a white background.

## Color Contrast Check

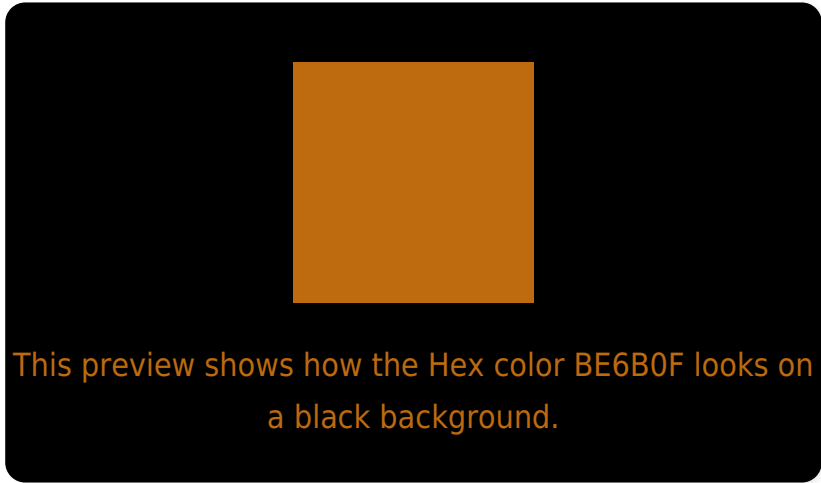
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE6B0F Background



This preview shows how black text looks on a background with the Hex color BE6B0F.



This preview shows how white text looks on a background with the Hex color BE6B0F.

# 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**  
BE6B0F

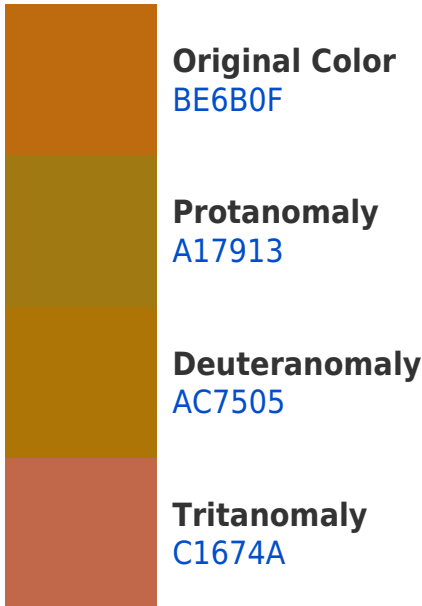
**Protanopia**  
918116

**Deuteranopia**  
A27A00

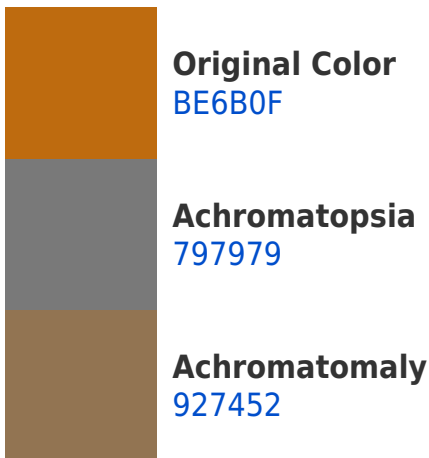


**Tritanopia**  
C2646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE6B0F 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 #BE6B0F looks like.

```
.text, #text, p{  
    color:#BE6B0F  
}
```

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 #BE6B0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE6B0F
}
```

## Border

The CSS property to change the border of an element to Hex BE6B0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

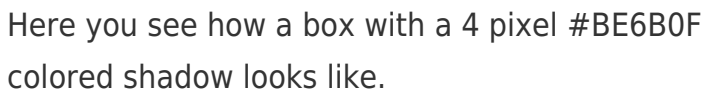
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE6B0F }
```

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

```
.border{ border-color:#BE6B0F }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #BE6B0F colored shadow looks like."

Here you see how a box with a 4 pixel #BE6B0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE6B0F; -webkit-box-shadow:4px 4px  
4px 4px #BE6B0F; box-shadow:4px 4px 4px  
4px #BE6B0F }
```

# Background

The CSS property to change the background color of an element to Hex BE6B0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE6B0F }
```

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

```
.background{ background-color:#BE6B0F }
```

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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