

# Converting Colors

Hex(BF3C0C)

Have a look what the booklet for  
Hex(BF3C0C) contains.

<b>Hex(BF3C0C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BF3C0C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF3C0C
RGB	191, 60, 12
RGB Percent	75%, 24%, 5%
CMY	0.2510, 0.7647, 0.9529
CMYK	0.00, 0.69, 0.94, 0.25
HSL	16°, 88%, 40%
HSV	16°, 94%, 75%
XYZ	23.1681, 14.3346, 1.8936
YIQ	93.6970, 93.4840, 12.8440

# Conversions

## Conversions Part 2

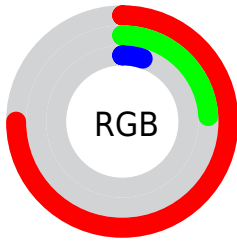
Format	Color
<a href="#">RYB</a>	<a href="#">191, 78, 12</a>
Decimal	<a href="#">12532748</a>
CIELab	<a href="#">44.71, 50.66, 52.85</a>
CIElCh	<a href="#">45, 73.210, 46.215</a>
Yxy	<a href="#">14.3346, 0.5881, 0.3639</a>
Android (android.graphics.Color)	<a href="#">4290722828</a> ( <a href="#">0xFFBF3C0C</a> )
YUV	<a href="#">93.6970, -40.2766, 85.3347</a>
Hunter-Lab	<a href="#">37.8611, 42.9713, 23.5374</a>

# Details

The Hex color **BF3C0C** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0C8FBF**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF7240**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **BF3300**, and if you desaturate by 10%, it is **BF4A1F**.

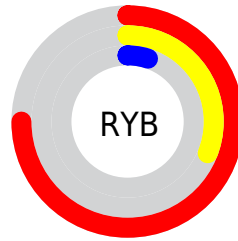
# Distribution



Red (75%)

Green (24%)

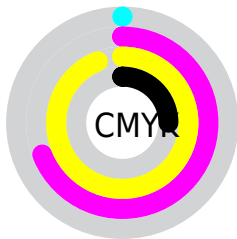
Blue (5%)



Red (75%)

Yellow (31%)

Blue (5%)

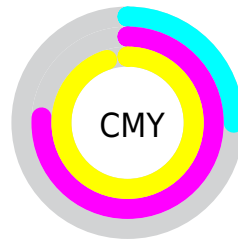


Cyan (0%)

Magenta (69%)

Yellow (94%)

Black (25%)



Cyan (25%)

Magenta (76%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF3C0C 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 BF3C0C by changing the saturation by 10% instead.



 BF3C0C

 BF3C0C

FFFFFFC

 A01E00

 FF7240

 810000

 FF8E58

 620000

 FFA972

 450000

 FFC68C

 290001

 FFE2A7

 000000

 FFFFC3

 FFFFDF

 BF3C0C

 BF3C0C

 BF3300

 BF4A1F

 BF5832

 BF6645

 BF7458

 BF826C

 BF907F

 BF9E92

 BFACA5

 BFBAB8

# Harmonies

## Analogous

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



D1094C



BF3C0C



985D00

# Triad

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



BF3C0C



00824A



0066E1

# Complementary

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



BF3C0C



0C8FBF

# 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.



0079E2



BF3C0C



00838A

# Square

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



BF3C0C



007C00



0082C2



9346BF

# Rectangle

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



BF3C0C



766C00



0082C2



006EE5



# Sweetspot

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



BF3C0C



F7C5B2



BF0C8F



7D5E52



FCFCFC



7D7D7D



# Same Dimension

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



BF3C0C



F74200



BF950C



5E5755



9E2A00



1F0800



# Inverse Universe

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



0C8FBF



00B5F7



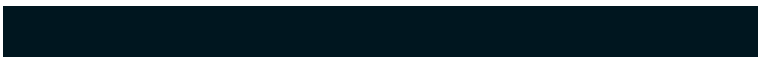
0C36BF



555C5E



00749E



00161F



# Previews

## White Background



This preview shows how the Hex color BF3C0C looks on a white background.

## Color Contrast Check

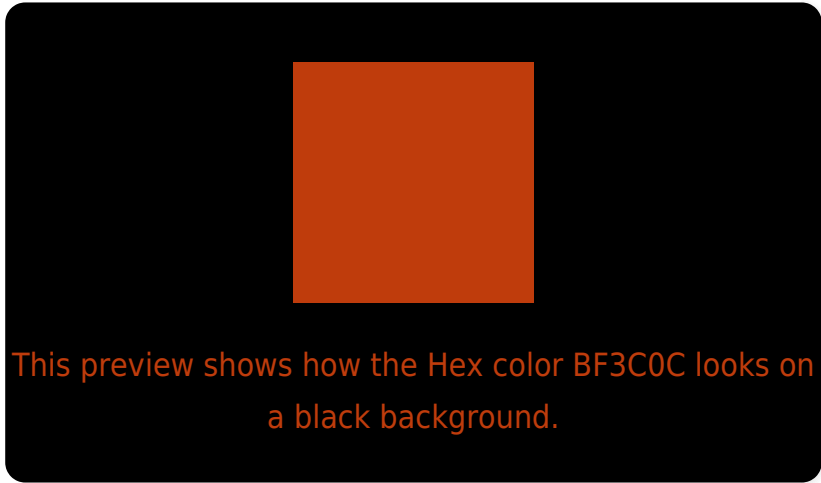
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex BF3C0C Background



This preview shows how black text looks on a background with the Hex color BF3C0C.

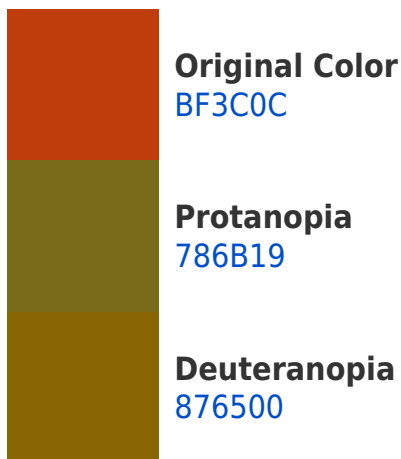


This preview shows how white text looks on a background with the Hex color BF3C0C.

# 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](#).

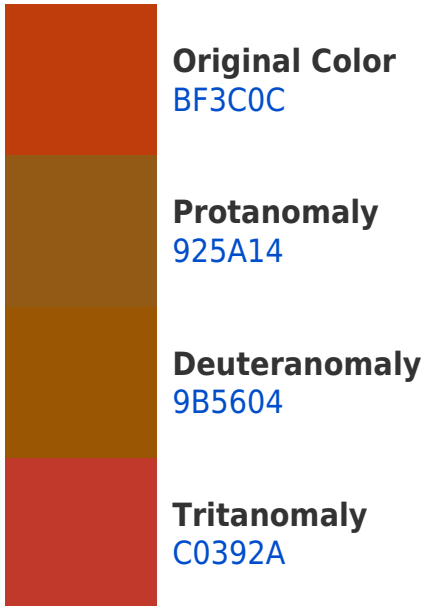
## Dichromacy





**Tritanopia**  
C0383B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF3C0C 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 #BF3C0C looks like.

```
.text, #text, p{  
    color:#BF3C0C  
}
```

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 #BF3C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF3C0C
}
```

## Border

The CSS property to change the border of an element to Hex BF3C0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

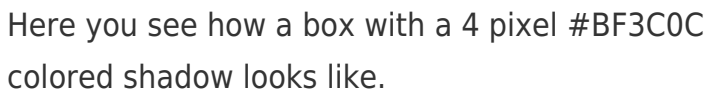
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF3C0C }
```

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

```
.border{ border-color:#BF3C0C }
```

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



Here you see how a box with a 4 pixel `#BF3C0C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF3C0C; -webkit-box-shadow:4px 4px  
4px 4px #BF3C0C; box-shadow:4px 4px 4px  
4px #BF3C0C }
```

# Background

The CSS property to change the background color of an element to Hex BF3C0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF3C0C }
```

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

```
.background{ background-color:#BF3C0C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor