

# Converting Colors

Hex(BC460B)

Have a look what the booklet for  
Hex(BC460B) contains.

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**Color**

**Hex(BC460B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC460B
RGB	188, 70, 11
RGB Percent	74%, 27%, 4%
CMY	0.2627, 0.7255, 0.9569
CMYK	0.00, 0.63, 0.94, 0.26
HSL	20°, 89%, 39%
HSV	20°, 94%, 74%
XYZ	22.9896, 15.0958, 2.0187
YIQ	98.5560, 89.2670, 6.6670

# Conversions

## Conversions Part 2

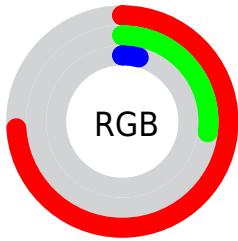
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 100, 11</a>
Decimal	<a href="#">12338699</a>
CIELab	<a href="#">45.77, 45.30, 53.56</a>
CIELCh	<a href="#">46, 70.147, 49.774</a>
Yxy	<a href="#">15.0958, 0.5732, 0.3764</a>
Android (android.graphics.Color)	<a href="#">4290528779</a> ( <a href="#">0xFFBC460B</a> )
YUV	<a href="#">98.5560, -43.1651, 78.4424</a>
Hunter-Lab	<a href="#">38.8534, 37.6253, 24.1168</a>

# Details

The Hex color **BC460B** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0B81BC**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FB7B40**, and **7E0B00** is the 20% darker color. If you saturate the color by 10%, you get **BC3F00**, and if you desaturate by 10%, it is **BC531E**.

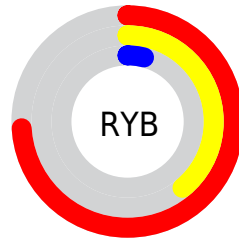
# Distribution



Red (74%)

Green (27%)

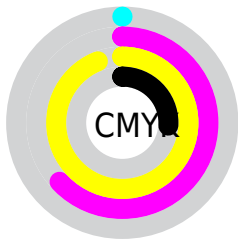
Blue (4%)



Red (74%)

Yellow (39%)

Blue (4%)

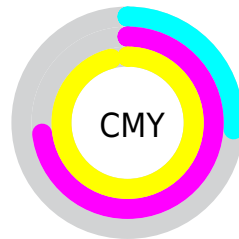


Cyan (0%)

Magenta (63%)

Yellow (94%)

Black (26%)



Cyan (26%)

Magenta (73%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC460B 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 BC460B by changing the saturation by 10% instead.



 BC460B

 BC460B

FFFFFFD

 9D2B00

 FB7B40

 7E0B00

 FF9659

 600000

 FFB173

 430000

 FFCE8D

 280001

 FFEAA8

 000000

 FFFFC4

 FFFFEO

 BC460B

 BC460B

■ BC3F00

■ BC531E

■ BC5F31

■ BC6C43

■ BC7856

■ BC8569

■ BC917C

■ BC9E8F

■ BCAAA1

■ BCB7B4

# Harmonies

## Analogous

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



D02249



BC460B



946300

# Triad

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



BC460B



008456



2766DC

# Complementary

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



BC460B



0B81BC

# 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.



007AE1



BC460B



008693

# Square

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



BC460B



007F12



0083C6



9D46B9

# Rectangle

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



BC460B



737000



0083C6



006EE2



# Sweetspot

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



BC460B



F5C7B0



BC0B81



7A5F51



FAFAFA



7A7A7A



# Same Dimension

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



BC460B



F55200



BC9F0B



5E5855



9E3500



1F0A00



# Inverse Universe

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



0B81BC



00A3F5



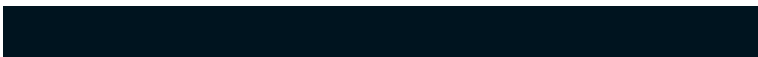
0B29BC



555B5E



00699E



00141F



# Previews

## White Background



This preview shows how the Hex color BC460B looks on a white background.

## Color Contrast Check

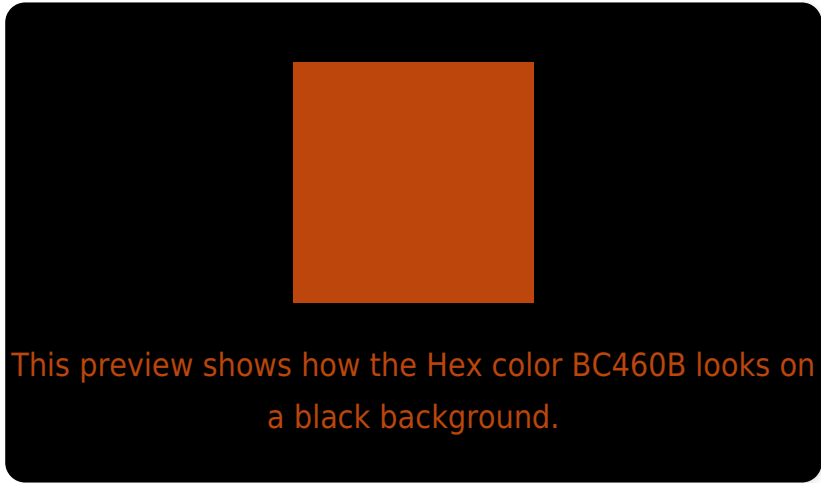
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC460B Background



This preview shows how black text looks on a background with the Hex color BC460B.

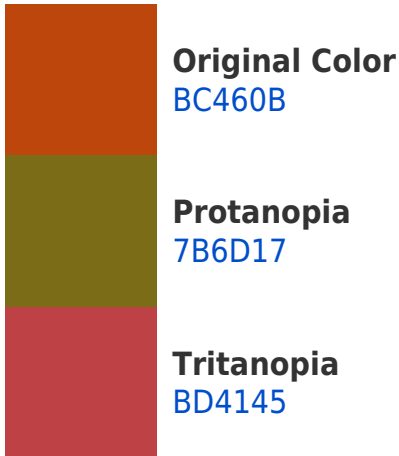


This preview shows how white text looks on a background with the Hex color BC460B.

# 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



# Trichromacy



**Original Color**  
BC460B

**Protanomaly**  
935F13

**Tritanomaly**  
BD4330

# Monochromacy



**Original Color**  
BC460B

**Achromatopsia**  
636363

**Achromatomaly**  
835843

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC460B 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 #BC460B looks like.

```
.text, #text, p{  
    color:#BC460B  
}
```

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 #BC460B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC460B
}
```

## Border

The CSS property to change the border of an element to Hex BC460B is called "border". The border property can be set on classes, ids or directly on the HTML element.

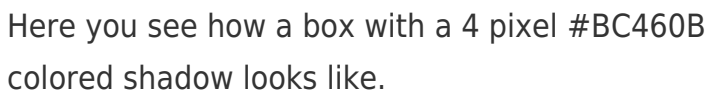
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC460B }
```

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

```
.border{ border-color:#BC460B }
```

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, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel `#BC460B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC460B; -webkit-box-shadow:4px 4px  
4px 4px #BC460B; box-shadow:4px 4px 4px  
4px #BC460B }
```

# Background

The CSS property to change the background color of an element to Hex BC460B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC460B }
```

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

```
.background{ background-color:#BC460B }
```

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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