

Converting Colors

Hex(B8670B)

Have a look what the booklet for
Hex(B8670B) contains.

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Color

Hex(B8670B)

Conversions

Conversions Part 1

Format	Color
Hex	B8670B
RGB	184, 103, 11
RGB Percent	72%, 40%, 4%
CMY	0.2784, 0.5961, 0.9569
CMYK	0.00, 0.44, 0.94, 0.28
HSL	32°, 89%, 38%
HSV	32°, 94%, 72%
XYZ	24.6778, 19.9150, 2.8599
YIQ	116.7310, 77.8080, -11.4400

Conversions

Conversions Part 2

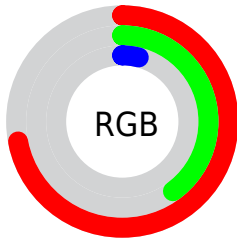
Format	Color
RYB	163, 184, 11
Decimal	12085003
CIELab	51.74, 26.99, 57.34
CIELCh	52, 63.378, 64.795
Yxy	19.9150, 0.5201, 0.4197
Android (android.graphics.Color)	4290275083 (0xFFB8670B)
YUV	116.7310, -52.1254, 58.9949
Hunter-Lab	44.6262, 20.6126, 27.4387

Details

The Hex color **B8670B** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0B5CB8**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **F69B45**, and **7D3700** is the 20% darker color. If you saturate the color by 10%, you get **B86200**, and if you desaturate by 10%, it is **B8701D**.

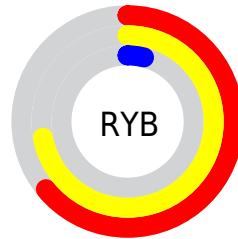
Distribution



Red (72%)

Green (40%)

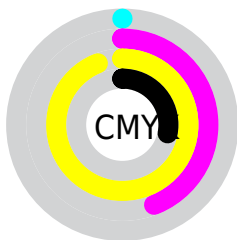
Blue (4%)



Red (64%)

Yellow (72%)

Blue (4%)

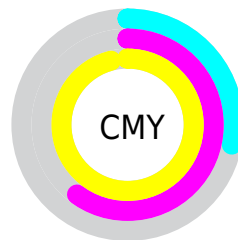


Cyan (0%)

Magenta (44%)

Yellow (94%)

Black (28%)



Cyan (28%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8670B 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 B8670B by changing the saturation by 10% instead.

 B8670B

 B8670B

FFFFFF

 9A4E00

 F69B45

 7D3700

 FFB65F

 5F2000

 FFD179

 430800

 FFEE94

 2B0000

 FFFF4F

 000000

 FFFFCC

 FFFF88

 B8670B

 B8670B

 B86200

 B8701D

 B87830

 B88142

 B88955

 B89267

 B89B79

 B8A38C

 B8AC9E

 B8B5B1

Harmonies

Analogous

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



D44E40



B8670B



8C7C00

Triad

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



B8670B



009483



8669D5

Complementary

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



B8670B



0B5CB8

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.



007FE8



B8670B



0093B8

Square

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



B8670B



00914A



008DDE



C24EAB

Rectangle

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



B8670B



698600



008DDE



6571DF

Sweetspot

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



B8670B



F0D0AD



B80B5F



78654F



F7F7F7



787878

Same Dimension

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



B8670B



F07F00



B5B80B



5C5853



9C5300



1C0F00

Inverse Universe

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



0B5CB8



0070F0



0E0BB8



53575C



00499C



000D1C

Previews

White Background



This preview shows how the Hex color B8670B 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 B8670B Background



This preview shows how black text looks on a background with the Hex color B8670B.



This preview shows how white text looks on a background with the Hex color B8670B.

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

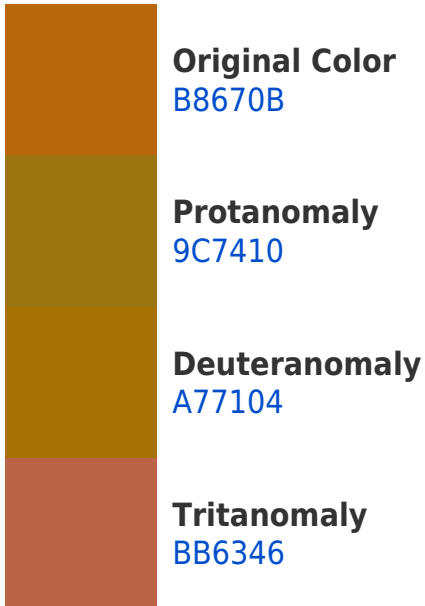


Original Color
B8670B

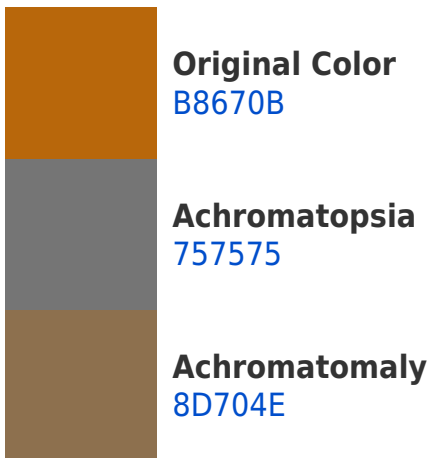
Protanopia
8C7C13

Deuteranopia
9D7600

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B8670B 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 #B8670B looks like.

```
.text, #text, p{  
    color:#B8670B  
}
```

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 #B8670B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8670B
}
```

Border

The CSS property to change the border of an element to Hex B8670B is called "border". The border property can be set on classes, ids or directly on the HTML element.

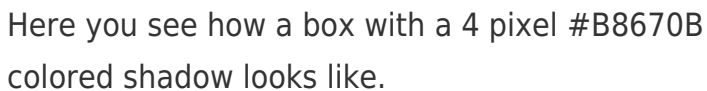
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8670B }
```

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

```
.border{ border-color:#B8670B }
```

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.

Here you see how a box with a 4 pixel #B8670B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8670B; -webkit-box-shadow:4px 4px  
4px 4px #B8670B; box-shadow:4px 4px 4px  
4px #B8670B }
```

Background

The CSS property to change the background color of an element to Hex B8670B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8670B }
```

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

```
.background{ background-color:#B8670B }
```

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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