

Converting Colors

Hex(BC5700)

Have a look what the booklet for
Hex(BC5700) contains.

Hex(BC5700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BC5700)

Conversions

Conversions Part 1

Format	Color
Hex	BC5700
RGB	188, 87, 0
RGB Percent	74%, 34%, 0%
CMY	0.2627, 0.6588, 1.0000
CMYK	0.00, 0.54, 1.00, 0.26
HSL	28°, 100%, 37%
HSV	28°, 100%, 74%
XYZ	24.1472, 17.5078, 2.1066
YIQ	107.2810, 88.1230, -5.6450

Conversions

Conversions Part 2

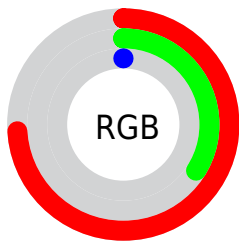
Format	Color
RYB	188, 162, 0
Decimal	12343040
CIELab	48.89, 36.96, 58.19
CIElCh	49, 68.939, 57.579
Yxy	17.5078, 0.5518, 0.4001
Android (android.graphics.Color)	4290533120 (0xFFBC5700)
YUV	107.2810, -52.8895, 70.7906
Hunter-Lab	41.8423, 29.7886, 26.3045

Details

The Hex color **BC5700** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0065BC**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FB8B3D**, and **7F2500** is the 20% darker color. If you saturate the color by 10%, you get **BC5700**, and if you desaturate by 10%, it is **BC6113**.

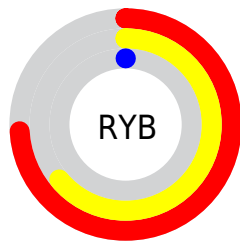
Distribution



Red (74%)

Green (34%)

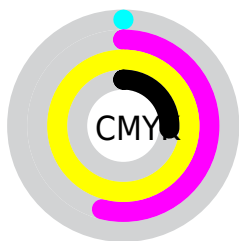
Blue (0%)



Red (74%)

Yellow (64%)

Blue (0%)

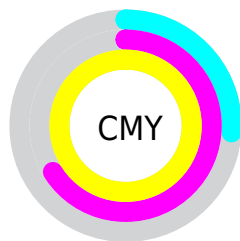


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC5700 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 BC5700 by changing the saturation by 10% instead.

 BC5700

 BC5700

FFFFFFC

 9D3E00

 FB8B3D

 7F2500

 FFA657

 610900

 FFC171

 450000

 FFDE8B

 2C0001

 FFFBA7

 000000

 FFFF C2

 FFFF DF

 BC5700

 BC6113

 BC6B26

 BC7538

 BC7F4B

 BC8A5E

 BC9471

 BC9E84

 BCA896

 BCB2A9

Harmonies

Analogous

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



D63842



BC5700



917000

Triad

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



BC5700



008D6D



6367DD

Complementary

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



BC5700



0065BC

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.



007DEA



BC5700



008DA9

Square

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



BC5700



008930



0089D7



B447B4

Rectangle

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



BC5700



6D7C00



0089D7



266FE5

Sweetspot

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



BC5700



F5CDAB



BC0067



7A634E



FAFAFA



7A7A7A

Same Dimension

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



BC5700



F57100



BCB300



5E5955



9E4900



1F0E00

Inverse Universe

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



0065BC



0084F5



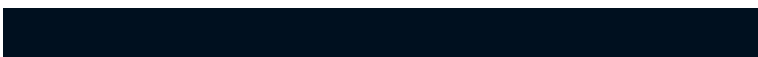
0009BC



555A5E



00559E



00101F

Previews

White Background



This preview shows how the Hex color BC5700 looks on a white background.

Color Contrast Check

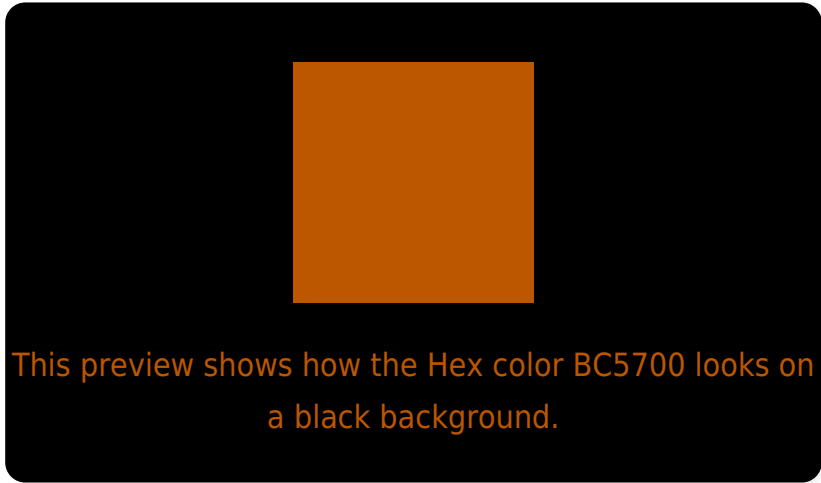
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 BC5700 Background



This preview shows how black text looks on a background with the Hex color BC5700.



This preview shows how white text looks on a background with the Hex color BC5700.

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

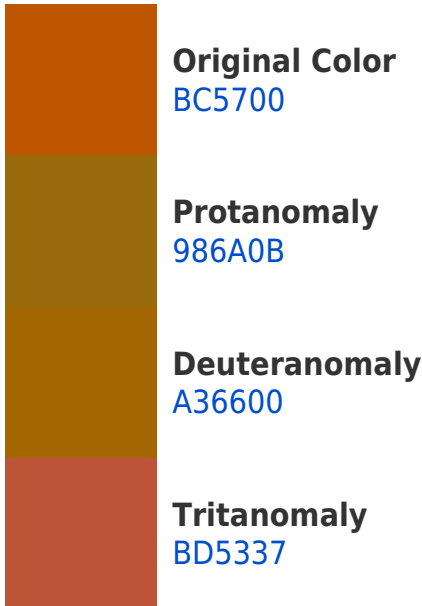


Original Color
BC5700

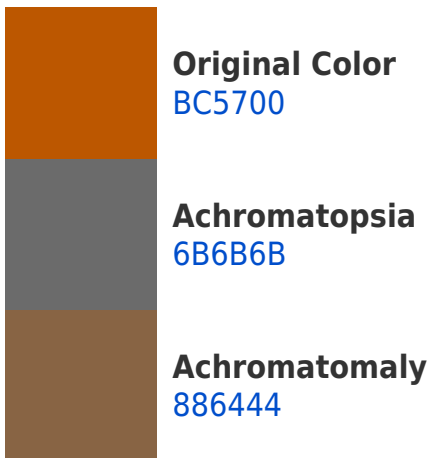
Protanopia
847511

Deuteranopia
946F00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC5700 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 #BC5700 looks like.

```
.text, #text, p{  
    color:#BC5700  
}
```

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 #BC5700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC5700
}
```

Border

The CSS property to change the border of an element to Hex BC5700 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
#BC5700 }
```

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

```
.border{ border-color:#BC5700 }
```

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

Here you see how a box with a 4 pixel #BC5700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC5700; -webkit-box-shadow:4px 4px  
4px 4px #BC5700; box-shadow:4px 4px 4px  
4px #BC5700 }
```

Background

The CSS property to change the background color of an element to Hex BC5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC5700 }
```

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

```
.background{ background-color:#BC5700 }
```

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