

Converting Colors

Hex(BB5D0C)

Have a look what the booklet for
Hex(BB5D0C) contains.

Hex(BB5D0C)	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(BB5D0C)

Conversions

Conversions Part 1

Format	Color
Hex	BB5D0C
RGB	187, 93, 12
RGB Percent	73%, 36%, 5%
CMY	0.2667, 0.6353, 0.9529
CMYK	0.00, 0.50, 0.94, 0.27
HSL	28°, 88%, 39%
HSV	28°, 94%, 73%
XYZ	24.4742, 18.4200, 2.6133
YIQ	111.8720, 82.0250, -5.2630

Conversions

Conversions Part 2

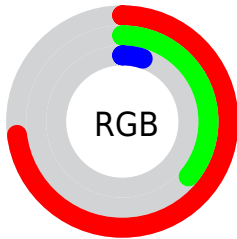
Format	Color
RYB	187, 163, 12
Decimal	12279052
CIELab	50.00, 33.61, 56.11
CIELCh	50, 65.401, 59.078
Yxy	18.4200, 0.5378, 0.4048
Android (android.graphics.Color)	4290469132 (0xFFBB5D0C)
YUV	111.8720, -49.2369, 65.8873
Hunter-Lab	42.9186, 26.6817, 26.4328

Details

The Hex color **BB5D0C** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0C6ABB**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F99144**, and **7F2C00** is the 20% darker color. If you saturate the color by 10%, you get **BB5700**, and if you desaturate by 10%, it is **BB671F**.

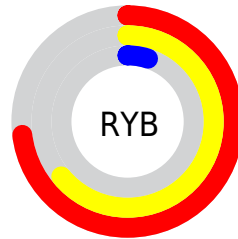
Distribution



Red (73%)

Green (36%)

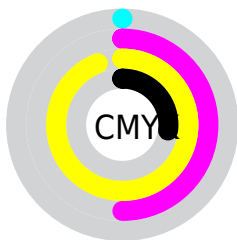
Blue (5%)



Red (73%)

Yellow (64%)

Blue (5%)

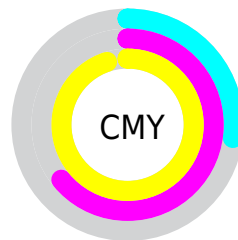


Cyan (0%)

Magenta (50%)

Yellow (94%)

Black (27%)



Cyan (27%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB5D0C 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 BB5D0C by changing the saturation by 10% instead.

 BB5D0C

 BB5D0C

FFFFFF

 9D4400

 F99144

 7F2C00

 FFAC5E

 611300

 FFC778

 450000

 FFE492

 2D0002

 FFFFAE

 000000

 FFFFCA

 FFFFEE

 BB5D0C

 BB5D0C

■ BB5700

■ BB671F

■ BB7131

■ BB7B44

■ BB8557

■ BB8F69

■ BB997C

■ BBA38F

■ BBADA2

■ BBB7B4

Harmonies

Analogous

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



D54245



BB5D0C



917400

Triad

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



BB5D0C



008F74



6E69D9

Complementary

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



BB5D0C



0C6ABB

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.



007EE7



BB5D0C



008FAC

Square

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



BB5D0C



008C3A



008BD6



B74CB1

Rectangle

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



BB5D0C



6E7F00



008BD6



4271E1

Sweetspot

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



BB5D0C



F2CEAE



BB0C6C



7A6451



FAFAFA



7A7A7A

Same Dimension

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



BB5D0C



F27000



BBB20C



5E5955



9E4900



1F0E00

Inverse Universe

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



0C6ABB



0082F2



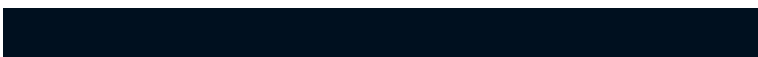
0C15BB



555A5E



00559E



00101F

Previews

White Background



This preview shows how the Hex color BB5D0C looks on a white background.

Color Contrast Check

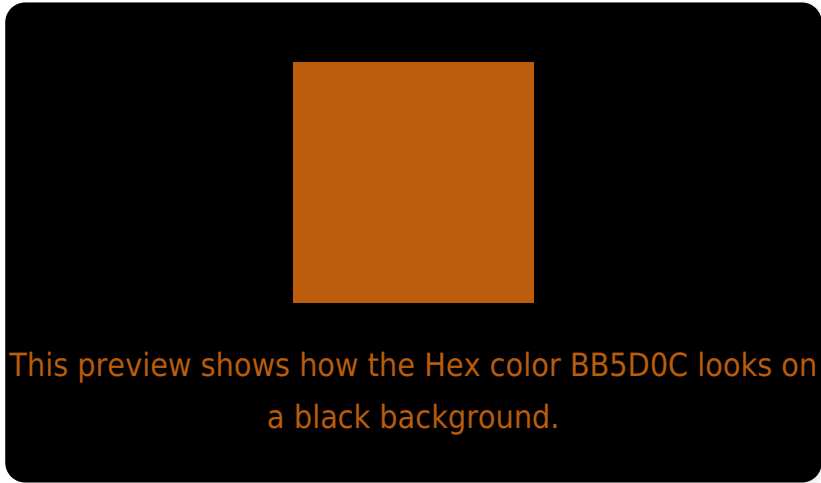
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB5D0C Background



This preview shows how black text looks on a background with the Hex color BB5D0C.



This preview shows how white text looks on a background with the Hex color BB5D0C.

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

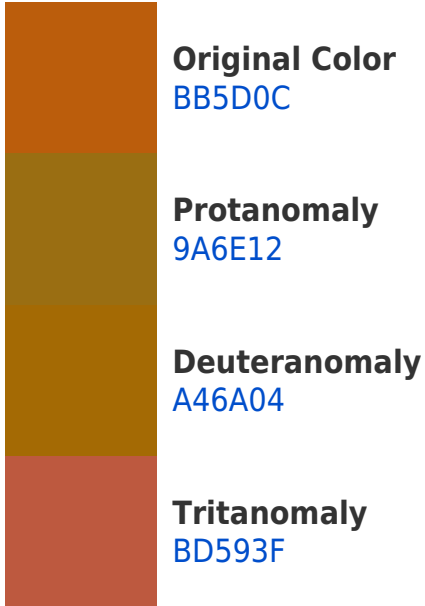


Original Color
BB5D0C

Protanopia
877815

Deuteranopia
977100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB5D0C 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 #BB5D0C looks like.

```
.text, #text, p{  
    color:#BB5D0C  
}
```

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 #BB5D0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5D0C
}
```

Border

The CSS property to change the border of an element to Hex BB5D0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

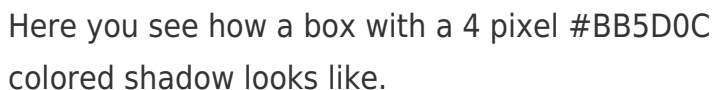
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB5D0C }
```

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

```
.border{ border-color:#BB5D0C }
```

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 #BB5D0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5D0C; -webkit-box-shadow:4px 4px  
4px 4px #BB5D0C; box-shadow:4px 4px 4px  
4px #BB5D0C }
```

Background

The CSS property to change the background color of an element to Hex BB5D0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5D0C }
```

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

```
.background{ background-color:#BB5D0C }
```

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