

Converting Colors

Hex(BB6C04)

Have a look what the booklet for
Hex(BB6C04) contains.

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Color

Hex(BB6C04)

Conversions

Conversions Part 1

Format	Color
Hex	BB6C04
RGB	187, 108, 4
RGB Percent	73%, 42%, 2%
CMY	0.2667, 0.5765, 0.9843
CMYK	0.00, 0.42, 0.98, 0.27
HSL	34°, 96%, 37%
HSV	34°, 98%, 73%
XYZ	25.8780, 21.2987, 2.8620
YIQ	119.7650, 80.4680, -15.5960

Conversions

Conversions Part 2

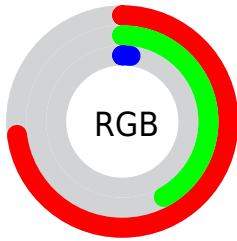
Format	Color
RYB	143, 187, 4
Decimal	12282884
CIELab	53.27, 25.47, 59.97
CIElCh	53, 65.157, 66.991
Yxy	21.2987, 0.5172, 0.4256
Android (android.graphics.Color)	4290472964 (0xFFBB6C04)
YUV	119.7650, -57.0721, 58.9651
Hunter-Lab	46.1505, 19.3270, 28.6285

Details

The Hex color **BB6C04** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0453BB**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F9A043**, and **7F3C00** is the 20% darker color. If you saturate the color by 10%, you get **BB6A00**, and if you desaturate by 10%, it is **BB7417**.

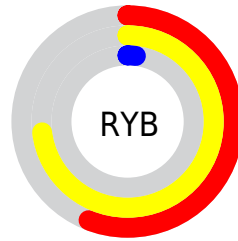
Distribution



Red (73%)

Green (42%)

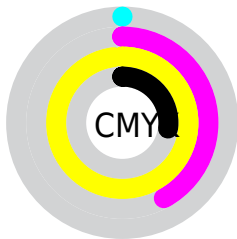
Blue (2%)



Red (56%)

Yellow (73%)

Blue (2%)

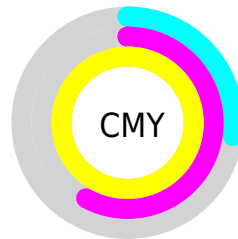


Cyan (0%)

Magenta (42%)

Yellow (98%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB6C04 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 BB6C04 by changing the saturation by 10% instead.

 BB6C04

 BB6C04

FFFFFF

 9D5300

 F9A043

 7F3C00

 FFBB5D

 622500

 FFD777

 460E00

 FFF392

 2D0000

 FFFFAE

 000000

 FFFFCA

 FFFFE7

 BB6C04

 BB6C04

■ BB6A00

■ BB7417

■ BB7C29

■ BB843C

■ BB8C4F

■ BB9462

■ BB9C74

■ BBA587

■ BBAD9A

■ BBB5AC

Harmonies

Analogous

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



DA523F



BB6C04



8D8100

Triad

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



BB6C04



00998B



906ADA

Complementary

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



BB6C04



0453BB

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.



0082EF



BB6C04



0097C2

Square

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



BB6C04



009651



0091E7



CC4EAC

Rectangle

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



BB6C04



678B00



0091E7



7173E4

Sweetspot

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



BB6C04



F2D4AC



BB0453



7A6850



FAFAFA



7A7A7A

Same Dimension

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



BB6C04



F28A00



AFBB04



5E5A55



9E5A00



1F1100

Inverse Universe

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



0453BB



0069F2



1004BB



55595E



00449E



000D1F

Previews

White Background



This preview shows how the Hex color BB6C04 looks on a white background.

Color Contrast Check

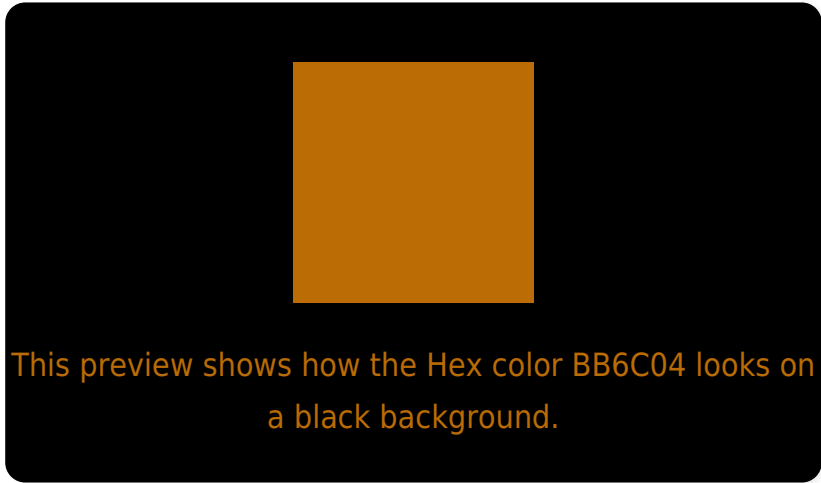
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB6C04 Background



This preview shows how black text looks on a background with the Hex color BB6C04.



This preview shows how white text looks on a background with the Hex color BB6C04.

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
BB6C04

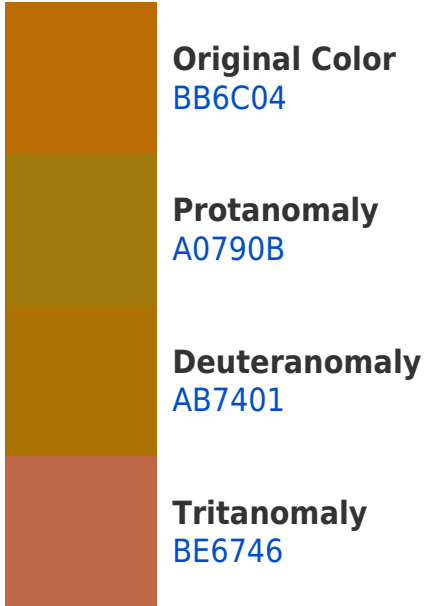
Protanopia
90800F

Deuteranopia
A27900

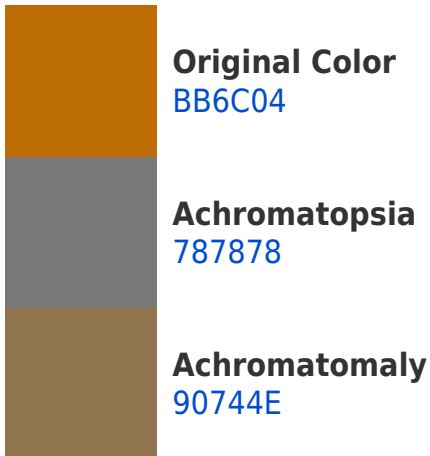


Tritanopia
BF646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB6C04 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 #BB6C04 looks like.

```
.text, #text, p{  
    color:#BB6C04  
}
```

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 #BB6C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6C04
}
```

Border

The CSS property to change the border of an element to Hex BB6C04 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
#BB6C04 }
```

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

```
.border{ border-color:#BB6C04 }
```

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

Here you see how a box with a 4 pixel #BB6C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6C04; -webkit-box-shadow:4px 4px  
4px 4px #BB6C04; box-shadow:4px 4px 4px  
4px #BB6C04 }
```

Background

The CSS property to change the background color of an element to Hex BB6C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6C04 }
```

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

```
.background{ background-color:#BB6C04 }
```

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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