

Converting Colors

Hex(BB4E00)

Have a look what the booklet for
Hex(BB4E00) contains.

Hex(BB4E00)	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(BB4E00)

Conversions

Conversions Part 1

Format	Color
Hex	BB4E00
RGB	187, 78, 0
RGB Percent	73%, 31%, 0%
CMY	0.2667, 0.6941, 1.0000
CMYK	0.00, 0.58, 1.00, 0.27
HSL	25°, 100%, 37%
HSV	25°, 100%, 73%
XYZ	23.2179, 16.0136, 1.8672
YIQ	101.6990, 90.0020, -1.1500

Conversions

Conversions Part 2

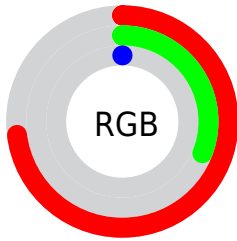
Format	Color
RYB	187, 134, 0
Decimal	12275200
CIELab	46.99, 41.04, 57.03
CIELCh	47, 70.264, 54.261
Yxy	16.0136, 0.5649, 0.3896
Android (android.graphics.Color)	4290465280 (0xFFBB4E00)
YUV	101.6990, -50.1376, 74.8090
Hunter-Lab	40.0170, 33.5363, 25.2454

Details

The Hex color **BB4E00** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **006DBB**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FA823B**, and **7E1A00** is the 20% darker color. If you saturate the color by 10%, you get **BB4E00**, and if you desaturate by 10%, it is **BB5913**.

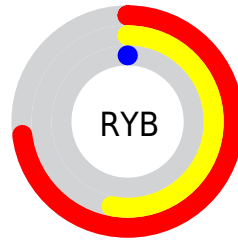
Distribution



Red (73%)

Green (31%)

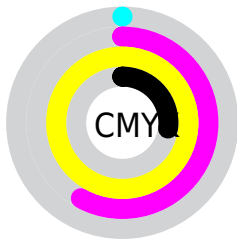
Blue (0%)



Red (73%)

Yellow (53%)

Blue (0%)

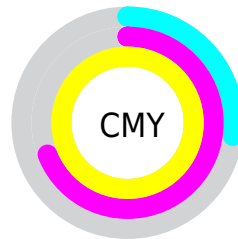


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB4E00 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 BB4E00 by changing the saturation by 10% instead.

 BB4E00

 BB4E00

 FFFFF9

 9C3400

 FA823B

 7E1A00

 FF9D55

 600000

 FFB96F

 430000

 FFD589

 290001

 FFF2A4

 000000

 FFFFC0

 FFFFDC

 BB4E00

 BB5913

 BB6425

 BB6F38

 BB7A4B

 BB855E

 BB8F70

 BB9A83

 BBA596

 BBB0A8

Harmonies

Analogous

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



D32C43



BB4E00



916900

Triad

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



BB4E00



008862



4C65DD

Complementary

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



BB4E00



006DBB

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.



007AE6



BB4E00



00899F

Square

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



BB4E00



008422



0085CF



AA44B5

Rectangle

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



BB4E00



6D7600



0085CF



006DE3

Sweetspot

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



BB4E00



F2C8AA



BB006D



7A614E



FAFAFA



7A7A7A

Same Dimension

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



BB4E00



F26500



BBAB00



5E5955



9E4200



1F0D00

Inverse Universe

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



006DBB



008DF2



0010BB



555A5E



005C9E



00121F

Previews

White Background



This preview shows how the Hex color BB4E00 looks on a white background.

Color Contrast Check

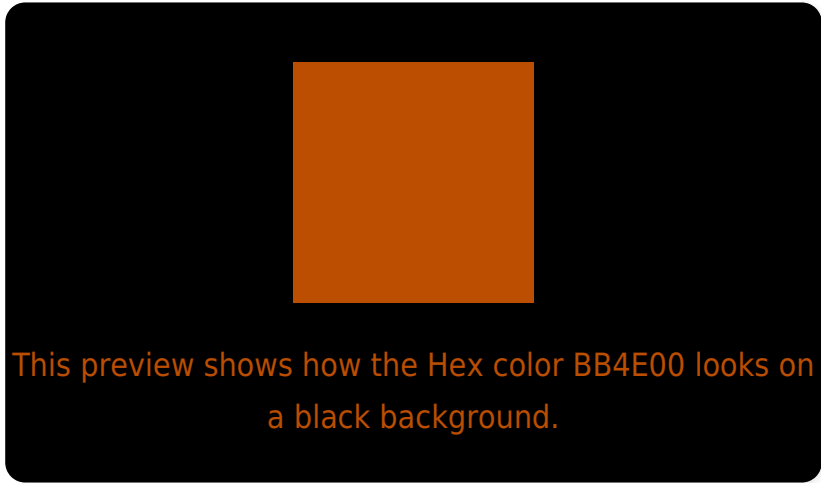
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB4E00 Background



This preview shows how black text looks on a background with the Hex color BB4E00.



This preview shows how white text looks on a background with the Hex color BB4E00.

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

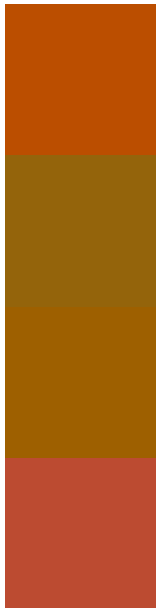


Original Color
BB4E00

Protanopia
7E7012

Deuteranopia
8E6A00

Trichromacy



Original Color
BB4E00

Protanomaly
94640B

Deuteranomaly
9E6000

Tritanomaly
BC4B31

Monochromacy



Original Color
BB4E00

Achromatopsia
666666

Achromatomaly
855D41

CSS Examples

Text

The CSS property to change the color of the text to Hex BB4E00 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 #BB4E00 looks like.

```
.text, #text, p{  
    color:#BB4E00  
}
```

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 #BB4E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4E00  
}
```

Border

The CSS property to change the border of an element to Hex BB4E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

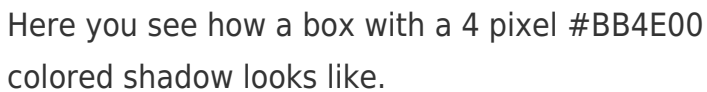
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BB4E00 }
```

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

```
.border{ border-color:#BB4E00 }
```

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



Here you see how a box with a 4 pixel #BB4E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4E00; -webkit-box-shadow:4px 4px  
4px 4px #BB4E00; box-shadow:4px 4px 4px  
4px #BB4E00 }
```

Background

The CSS property to change the background color of an element to Hex BB4E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4E00 }
```

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

```
.background{ background-color:#BB4E00 }
```

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