

Converting Colors

Hex(BB4A17)

Have a look what the booklet for
Hex(BB4A17) contains.

Hex(BB4A17)	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(BB4A17)

Conversions

Conversions Part 1

Format	Color
Hex	BB4A17
RGB	187, 74, 23
RGB Percent	73%, 29%, 9%
CMY	0.2667, 0.7098, 0.9098
CMYK	0.00, 0.60, 0.88, 0.27
HSL	19°, 78%, 41%
HSV	19°, 88%, 73%
XYZ	23.0970, 15.5242, 2.5897
YIQ	101.9730, 83.7190, 8.0950

Conversions

Conversions Part 2

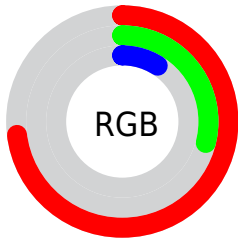
Format	Color
RYB	187, 97, 23
Decimal	12274199
CIELab	46.34, 43.29, 49.97
CIELCh	46, 66.116, 49.098
Yxy	15.5242, 0.5605, 0.3767
Android (android.graphics.Color)	4290464279 (0xFFBB4A17)
YUV	101.9730, -38.9337, 74.5687
Hunter-Lab	39.4008, 35.6863, 23.6835

Details

The Hex color **BB4A17** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1788BB**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FA7E49**, and **7E1300** is the 20% darker color. If you saturate the color by 10%, you get **BB3D04**, and if you desaturate by 10%, it is **BB572A**.

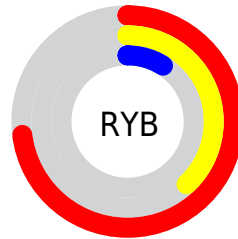
Distribution



Red (73%)

Green (29%)

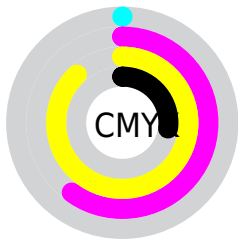
Blue (9%)



Red (73%)

Yellow (38%)

Blue (9%)

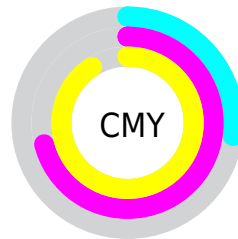


Cyan (0%)

Magenta (60%)

Yellow (88%)

Black (27%)



Cyan (27%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB4A17 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 BB4A17 by changing the saturation by 10% instead.

 BB4A17

 BB4A17

FFFFFF

 9C3000

 FA7E49

 7E1300

 FF9962

 600000

 FFB57B

 430000

 FFD196

 290001

 FFEEB1

 000000

 FFFFCD

 FFFF E9

 BB4A17

 BB4A17

■ BB3D04

■ BB572A

■ BB3A00

■ BB643C

■ BB714F

■ BB7E62

■ BB8A75

■ BB9787

■ BBA49A

■ BBB1AD

■ BBBEBF

Harmonies

Analogous

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



CD2E4D



BB4A17



966400

Triad

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



BB4A17



008557



3268D8

Complementary

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



BB4A17



1788BB

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.



007ADC



BB4A17



008691

Square

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



BB4A17



04801B



0084C1



9B4CB7

Rectangle

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



BB4A17



767100



0084C1



006FDD

Sweetspot

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



BB4A17



F2C7B3



BB178A



7A6054



FAFAFA



7A7A7A

Same Dimension

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



BB4A17



F24B00



BB9A17



5E5855



9E3100



1F0A00

Inverse Universe

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



1788BB



00A7F2



1738BB



555B5E



006D9E



00151F

Previews

White Background



This preview shows how the Hex color BB4A17 looks on a white background.

Color Contrast Check

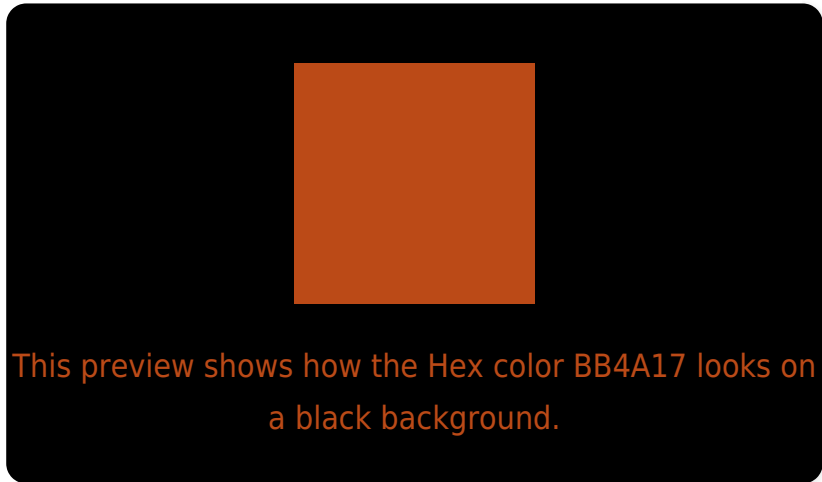
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB4A17 Background



This preview shows how black text looks on a background with the Hex color BB4A17.



This preview shows how white text looks on a background with the Hex color BB4A17.

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

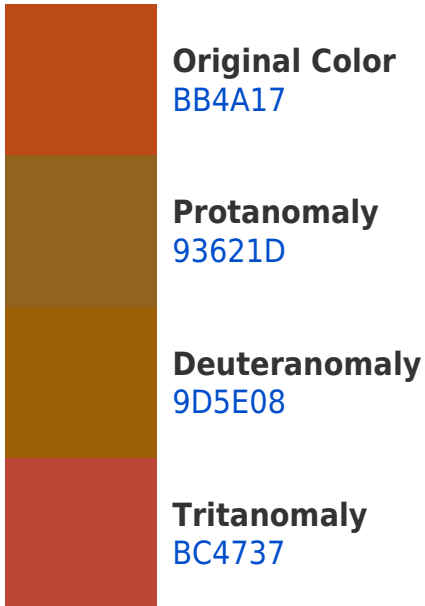


Original Color
BB4A17

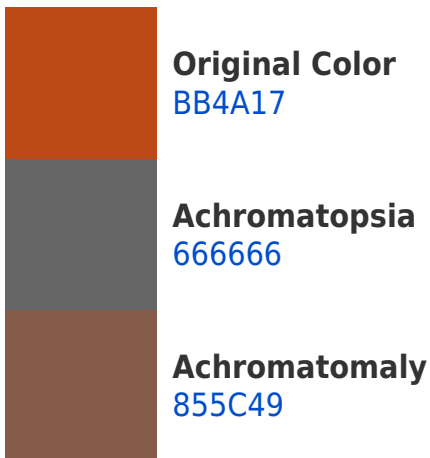
Protanopia
7C6F20

Deuteranopia
8C6900

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB4A17 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 #BB4A17 looks like.

```
.text, #text, p{  
    color:#BB4A17  
}
```

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 #BB4A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4A17
}
```

Border

The CSS property to change the border of an element to Hex BB4A17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

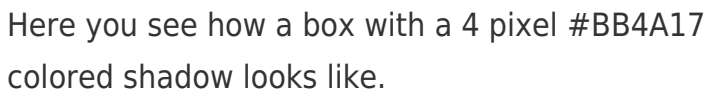
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB4A17 }
```

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

```
.border{ border-color:#BB4A17 }
```

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 #BB4A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4A17; -webkit-box-shadow:4px 4px  
4px 4px #BB4A17; box-shadow:4px 4px 4px  
4px #BB4A17 }
```

Background

The CSS property to change the background color of an element to Hex BB4A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4A17 }
```

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

```
.background{ background-color:#BB4A17 }
```

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