

Converting Colors

Hex(BB4836)

Have a look what the booklet for
Hex(BB4836) contains.

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Color

Hex(BB4836)

Conversions

Conversions Part 1

Format	Color
Hex	BB4836
RGB	187, 72, 54
RGB Percent	73%, 28%, 21%
CMY	0.2667, 0.7176, 0.7882
CMYK	0.00, 0.61, 0.71, 0.27
HSL	8°, 55%, 47%
HSV	8°, 71%, 73%
XYZ	23.4767, 15.4659, 5.2379
YIQ	104.3330, 74.3180, 18.7820

Conversions

Conversions Part 2

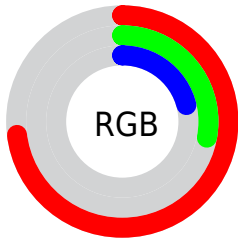
Format	Color
RYB	187, 75, 54
Decimal	12273718
CIELab	46.27, 45.33, 34.62
CIElCh	46, 57.035, 37.368
Yxy	15.4659, 0.5314, 0.3501
Android (android.graphics.Color)	4290463798 (0xFFBB4836)
YUV	104.3330, -24.8142, 72.4990
Hunter-Lab	39.3267, 37.7370, 19.6319

Details

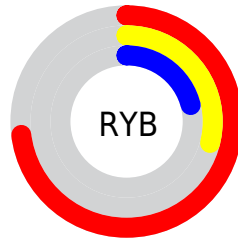
The Hex color **BB4836** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **36A9BB**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F97D66**, and **7F0E0A** is the 20% darker color. If you saturate the color by 10%, you get **BB3823**, and if you desaturate by 10%, it is **BB5849**.

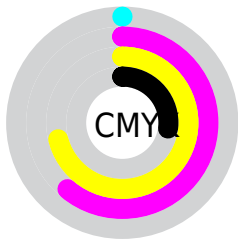
Distribution



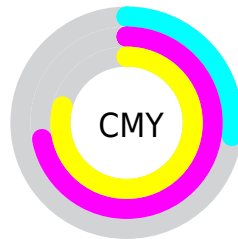
- Red (73%)
- Green (28%)
- Blue (21%)



- Red (73%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (61%)
- Yellow (71%)
- Black (27%)



- Cyan (27%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB4836 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 BB4836 by changing the saturation by 10% instead.

 BB4836

 BB4836

FFFFFF

 9D2D20

 F97D66

 7F0E0A

 FF987F

 620000

 FFB499

 450000

 FFD0B4

 2A0001

 FFEDCF

 000000

 FFFFEC

 BB4836

 BB4836

 BB3823

 BB5849

 BB2811

 BB685B

 BB1900

 BB796E

 BB8981

 BB9993

 BBA9A6

 BBB9B9

 BBC9CC

 BBDADE

Harmonies

Analogous

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



C23A64



BB4836



A15E08

Triad

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



BB4836



008147



0070CD

Complementary

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



BB4836



36A9BB

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.



007CC6



BB4836



008378

Square

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



BB4836



467B16



0082A7



7D5BBA

Rectangle

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



BB4836



876A00



0082A7



0075CE

Sweetspot

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



BB4836



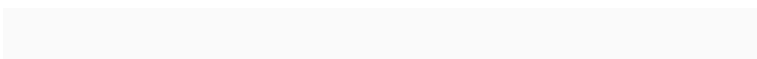
F2C6BF



BB36A9



7A605C



FAFAFA



7A7A7A

Same Dimension

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



BB4836



F24024



BB8A36



5E5655



9E1500



1F0400

Inverse Universe

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



36A9BB



24D6F2



3667BB



555D5E



00899E



001A1F

Previews

White Background



This preview shows how the Hex color BB4836 looks on a white background.

Color Contrast Check

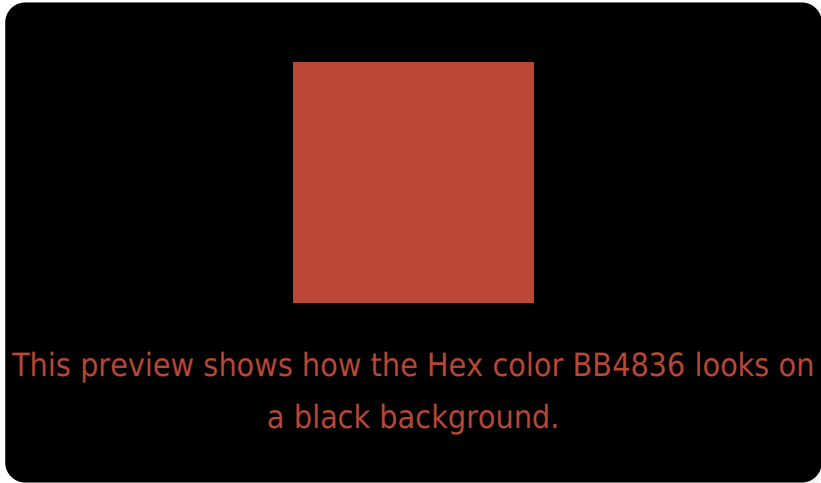
Large Text (above 18pt) WCAG AA ✓ Pass

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

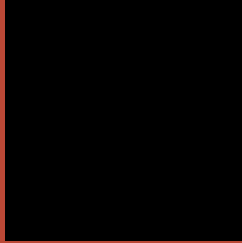
Any Text WCAG AA × Fail

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 BB4836 Background



This preview shows how black text looks on a background with the Hex color BB4836.



This preview shows how white text looks on a background with the Hex color BB4836.

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



Trichromacy



Original Color
BB4836

Protanomaly
91603E

Deuteranomaly
9B5D32

Tritanomaly
BC4643

Monochromacy



Original Color
BB4836

Achromatopsia
686868

Achromatomaly
865C56

CSS Examples

Text

The CSS property to change the color of the text to Hex BB4836 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 #BB4836 looks like.

```
.text, #text, p{  
    color:#BB4836  
}
```

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 #BB4836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4836
}
```

Border

The CSS property to change the border of an element to Hex BB4836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

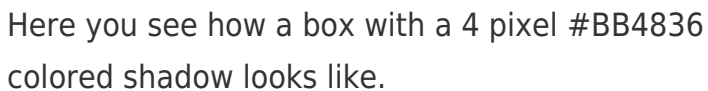
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB4836 }
```

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

```
.border{ border-color:#BB4836 }
```

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



Here you see how a box with a 4 pixel #BB4836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4836; -webkit-box-shadow:4px 4px  
4px 4px #BB4836; box-shadow:4px 4px 4px  
4px #BB4836 }
```

Background

The CSS property to change the background color of an element to Hex BB4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4836 }
```

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

```
.background{ background-color:#BB4836 }
```

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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