

# Converting Colors

Hex(BB4C26)

Have a look what the booklet for  
Hex(BB4C26) contains.

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**Color**

**Hex(BB4C26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB4C26
RGB	187, 76, 38
RGB Percent	73%, 30%, 15%
CMY	0.2667, 0.7020, 0.8510
CMYK	0.00, 0.59, 0.80, 0.27
HSL	15°, 66%, 44%
HSV	15°, 80%, 73%
XYZ	23.4278, 15.8736, 3.6629
YIQ	104.8570, 78.3540, 11.7140

# Conversions

## Conversions Part 2

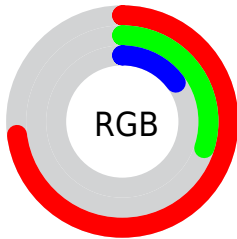
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 89, 38
Decimal	12274726
CIE <sub>Lab</sub>	46.81, 42.77, 43.73
CIE <sub>LCh</sub>	47, 61.168, 45.632
Yxy	15.8736, 0.5453, 0.3695
Android (android.graphics.Color)	4290464806 (0xFFBB4C26)
YUV	104.8570, -32.9605, 72.0394
Hunter-Lab	39.8417, 35.2390, 22.4384

# Details

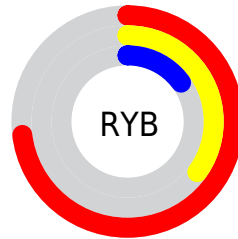
The Hex color **BB4C26** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2695BB**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F98056**, and **7F1600** is the 20% darker color. If you saturate the color by 10%, you get **BB3E13**, and if you desaturate by 10%, it is **BB5A39**.

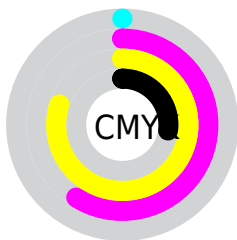
# Distribution



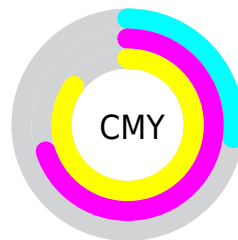
- Red (73%)
- Green (30%)
- Blue (15%)



- Red (73%)
- Yellow (35%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (80%)
- Black (27%)



- Cyan (27%)
- Magenta (70%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB4C26 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 BB4C26 by changing the saturation by 10% instead.



 BB4C26

 BB4C26

FFFFFF

 9D320E

 F98056

 7F1600

 FF9B6F

 610000

 FFB789

 440000

 FFD3A3

 2A0001

 FFF0BF

 000000

 FFFFDB

 FFFFF8

 BB4C26

 BB4C26

 BB3E13

 BB5A39

 BB3001

 BB684B

 BB3000

 BB765E

 BB8471

 BB9284

 BBA096

 BBAEA9

 BBBBBC

 BBC9CE

# Harmonies

## Analogous

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



C93756



BB4C26



9A6400

# Triad

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



BB4C26



008554



296CD3

# Complementary

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



BB4C26



2695BB

# 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.



007CD3



BB4C26



008689

# Square

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



BB4C26



2C7F1E



0084B8



9254B8

# Rectangle

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



BB4C26



7D7000



0084B8



0072D6



# Sweetspot

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



BB4C26



F2C7B8



BB2696



7A6057



FAFAFA



7A7A7A



# Same Dimension

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



BB4C26



F2450A



BB9626



5E5755



9E2800



1F0800



# Inverse Universe

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



2695BB



0AB7F2



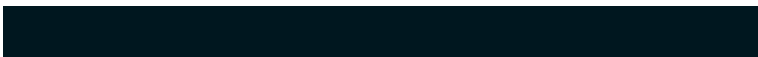
264BBB



555C5E



00769E

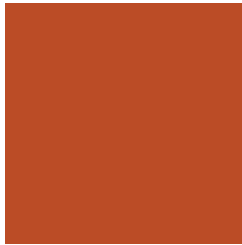


00171F



# Previews

## White Background



This preview shows how the Hex color BB4C26 looks on a white background.

## Color Contrast Check

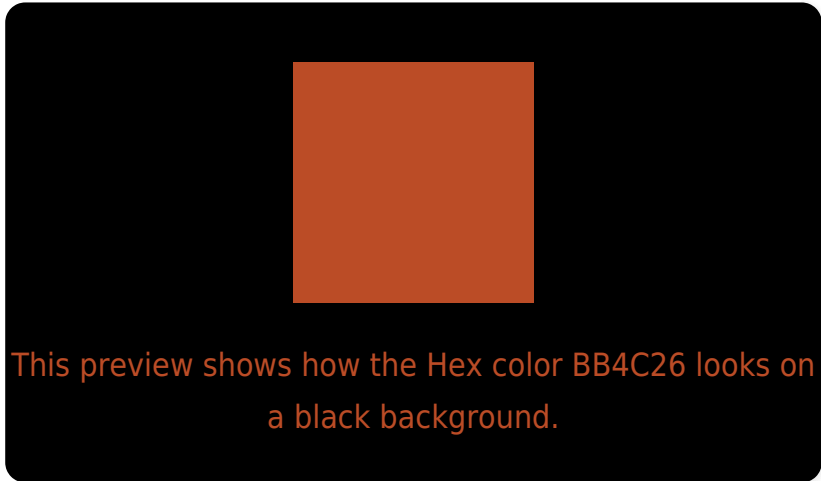
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB4C26 Background



This preview shows how black text looks on a background with the Hex color BB4C26.



This preview shows how white text looks on a background with the Hex color BB4C26.

# 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



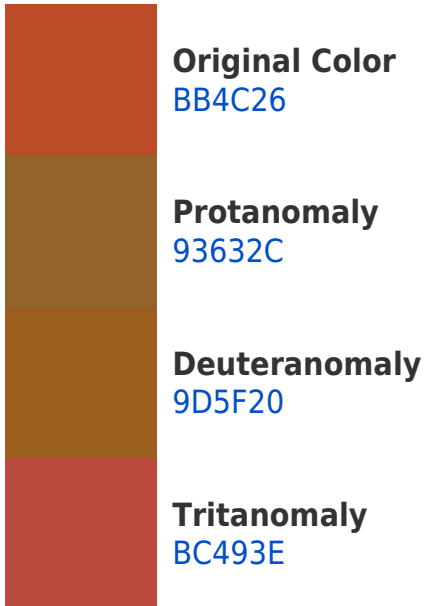
**Original Color**  
BB4C26

**Protanopia**  
7C7030

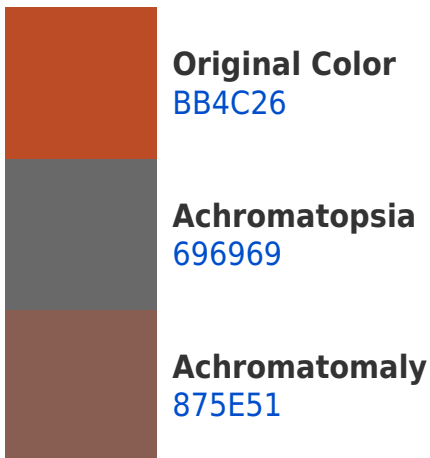
**Deuteranopia**  
8C6A1D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB4C26 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 #BB4C26 looks like.

```
.text, #text, p{  
  color:#BB4C26  
}
```

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 #BB4C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4C26
}
```

## Border

The CSS property to change the border of an element to Hex BB4C26 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
#BB4C26 }
```

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

```
.border{ border-color:#BB4C26 }
```

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

Here you see how a box with a 4 pixel #BB4C26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4C26; -webkit-box-shadow:4px 4px  
4px 4px #BB4C26; box-shadow:4px 4px 4px  
4px #BB4C26 }
```

# Background

The CSS property to change the background color of an element to Hex BB4C26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4C26 }
```

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

```
.background{ background-color:#BB4C26 }
```

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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