

# Converting Colors

Hex(BB4F34)

Have a look what the booklet for  
Hex(BB4F34) contains.

<b>Hex(BB4F34)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BB4F34)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB4F34
RGB	187, 79, 52
RGB Percent	73%, 31%, 20%
CMY	0.2667, 0.6902, 0.7961
CMYK	0.00, 0.58, 0.72, 0.27
HSL	12°, 56%, 47%
HSV	12°, 72%, 73%
XYZ	23.9093, 16.4047, 5.1551
YIQ	108.2140, 73.0350, 14.4990

# Conversions

## Conversions Part 2

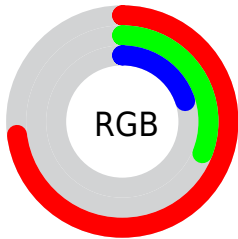
Format	Color
R <sub>Y</sub> B	187, 86, 52
Decimal	12275508
CIE Lab	47.50, 41.92, 37.13
CIE LCh	48, 56.000, 41.534
Yxy	16.4047, 0.5258, 0.3608
Android (android.graphics.Color)	4290465588 (0xFFBB4F34)
YUV	108.2140, -27.7135, 69.0953
Hunter-Lab	40.5027, 34.4914, 20.8056

# Details

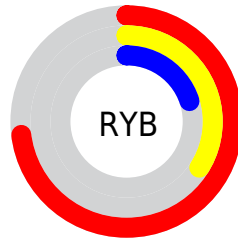
The Hex color **BB4F34** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **34A0BB**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F88364**, and **7F1A06** is the 20% darker color. If you saturate the color by 10%, you get **BB4021**, and if you desaturate by 10%, it is **BB5E47**.

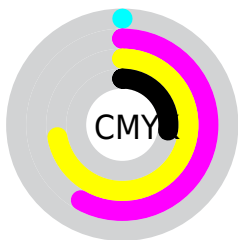
# Distribution



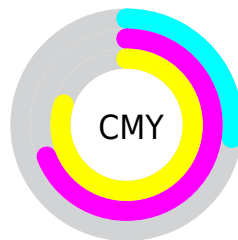
- Red (73%)
- Green (31%)
- Blue (20%)



- Red (73%)
- Yellow (34%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (72%)
- Black (27%)



- Cyan (27%)
- Magenta (69%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB4F34 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 BB4F34 by changing the saturation by 10% instead.



 BB4F34

 BB4F34

FFFFFF

 9D351E

 F88364

 7F1A06

 FF9E7D

 620000

 FFBA97

 450000

 FFD6B2

 2B0001

 FFF3CE

 000000

 FFFFEA

 BB4F34

 BB4F34

 BB4021

 BB5E47

 BB310F

 BB6D59

 BB2500

 BB7C6C

 BB8B7F

 BB9A92

 BBA9A4

 BBB8B7

 BBC7CA

 BBD6DC

# Harmonies

## Analogous

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



C54060



BB4F34



9F6409

# Triad

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



BB4F34



008551



2370CE

# Complementary

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



BB4F34



34A0BB

# 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.



007ECA



BB4F34



008782

# Square

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



BB4F34



417F23



0085AE



8A5CB8

# Rectangle

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



BB4F34



856F00



0085AE



0076CF



# Sweetspot

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



BB4F34



F2C8BD



BB34A0



7A615B



FAFAFA



7A7A7A



# Same Dimension

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



BB4F34



F24A1F



BB9334



5E5755



9E2000



1F0600



# Inverse Universe

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



34A0BB



1FC8F2



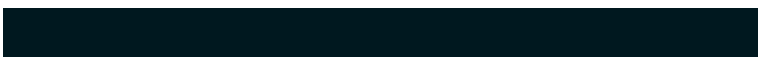
345CBB



555C5E



007E9E

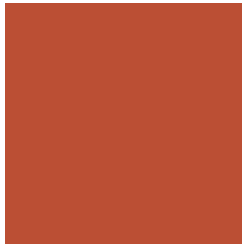


00181F



# Previews

## White Background



This preview shows how the Hex color BB4F34 looks on a white background.

## Color Contrast Check

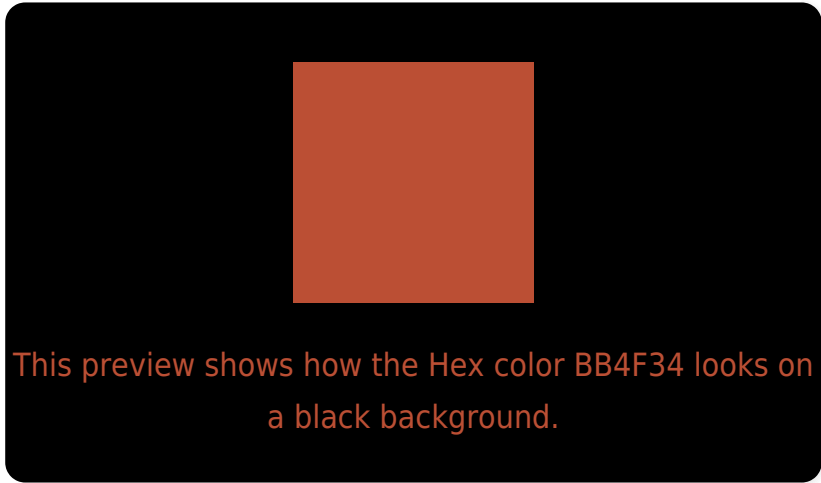
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB4F34 Background



This preview shows how black text looks on a background with the Hex color BB4F34.



This preview shows how white text looks on a background with the Hex color BB4F34.

# 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**  
BB4F34

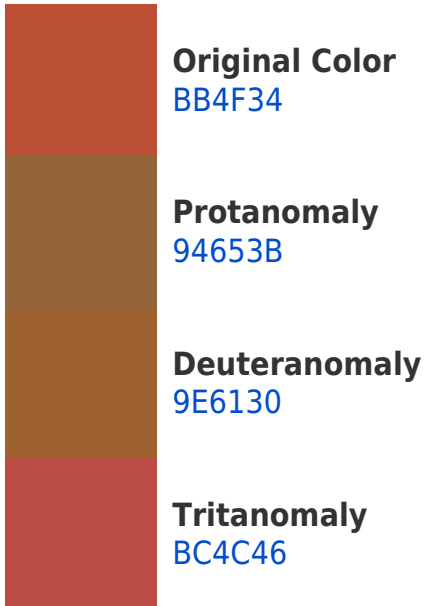
**Protanopia**  
7D713F

**Deuteranopia**  
8D6C2E



**Tritanopia**  
BC4B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB4F34 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 #BB4F34 looks like.

```
.text, #text, p{  
    color:#BB4F34  
}
```

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 #BB4F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4F34
}
```

## Border

The CSS property to change the border of an element to Hex BB4F34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

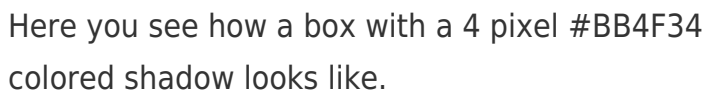
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB4F34 }
```

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

```
.border{ border-color:#BB4F34 }
```

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



Here you see how a box with a 4 pixel `#BB4F34` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4F34; -webkit-box-shadow:4px 4px  
4px 4px #BB4F34; box-shadow:4px 4px 4px  
4px #BB4F34 }
```

# Background

The CSS property to change the background color of an element to Hex BB4F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4F34 }
```

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

```
.background{ background-color:#BB4F34 }
```

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