

# Converting Colors

Hex(BB5C46)

Have a look what the booklet for  
Hex(BB5C46) contains.

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**Color**

**Hex(BB5C46)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB5C46
RGB	187, 92, 70
RGB Percent	73%, 36%, 27%
CMY	0.2667, 0.6392, 0.7255
CMYK	0.00, 0.51, 0.63, 0.27
HSL	11°, 46%, 50%
HSV	11°, 63%, 73%
XYZ	25.4262, 18.6613, 8.0562
YIQ	117.8970, 63.6820, 13.2980

# Conversions

## Conversions Part 2

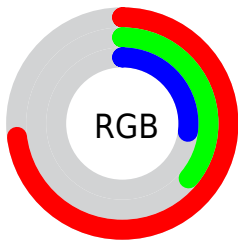
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 97, 70
Decimal	12278854
CIELab	50.29, 36.44, 30.33
CIElCh	50, 47.411, 39.767
Yxy	18.6613, 0.4876, 0.3579
Android (android.graphics.Color)	4290468934 (0xFFBB5C46)
YUV	117.8970, -23.6132, 60.6033
Hunter-Lab	43.1987, 29.4649, 19.1820

# Details

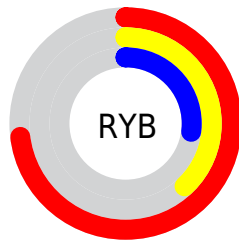
The Hex color **BB5C46** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46A5BB**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F79077**, and **812A1A** is the 20% darker color. If you saturate the color by 10%, you get **BB4D33**, and if you desaturate by 10%, it is **BB6B59**.

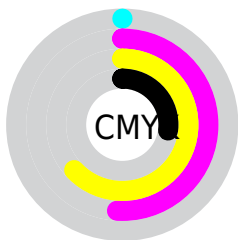
# Distribution



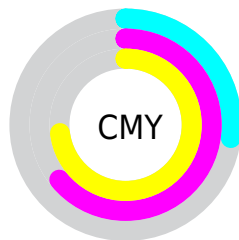
- Red (73%)
- Green (36%)
- Blue (27%)



- Red (73%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (27%)



- Cyan (27%)
- Magenta (64%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB5C46 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 BB5C46 by changing the saturation by 10% instead.



 BB5C46

 BB5C46

FFFFFF

 9E432F

 F79077

 812A1A

 FFAB91

 640F01

 FFC7AB

 480000

 FFE4C7

 300001

 FFFFFE3

 000000

 BB5C46

 BB5C46

 BB4D33

 BB6B59

 BB3E21

 BB7A6B

 BB2E0E

 BB8A7E

 BB2300

 BB9991

 BBA8A3

 BBB7B6

 BBC6C9

 BBD5DC

 BBE5EE

# Harmonies

## Analogous

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



C2536C



BB5C46



A46C29

# Triad

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



BB5C46



00895A



4278C7

# Complementary

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



BB5C46



46A5BB

# 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.



0083C3



BB5C46



008B84

# Square

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



BB5C46



558436



008AAA



8B67B6

# Rectangle

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



BB5C46



8E7621



008AAA



007CC8



# Sweetspot

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



BB5C46



F2CDC4



BB46A6



7A645E



FAFAFA



7A7A7A



# Same Dimension

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



BB5C46



F25F3D



BB9646



5E5755



9E1E00



1F0600



# Inverse Universe

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



46A5BB



3DD0F2



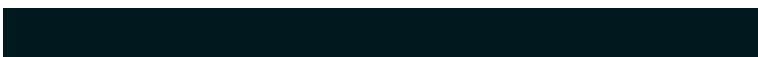
466BBB



555D5E



00809E



00191F



# Previews

## White Background



This preview shows how the Hex color BB5C46 looks on a white background.

## Color Contrast Check

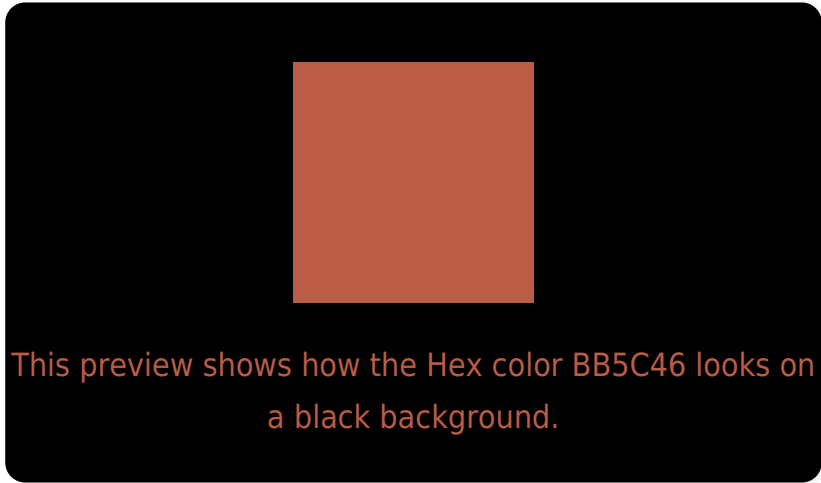
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BB5C46 Background



This preview shows how black text looks on a background with the Hex color BB5C46.



This preview shows how white text looks on a background with the Hex color BB5C46.

# Color Blindness Simulation

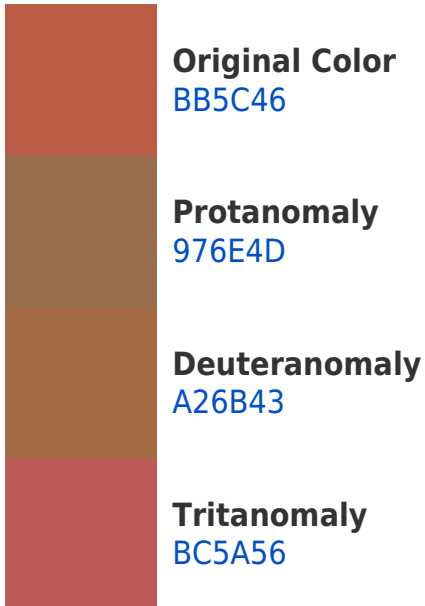
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB5C46 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 #BB5C46 looks like.

```
.text, #text, p{  
    color:#BB5C46  
}
```

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 #BB5C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5C46
}
```

## Border

The CSS property to change the border of an element to Hex BB5C46 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
#BB5C46 }
```

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

```
.border{ border-color:#BB5C46 }
```

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

Here you see how a box with a 4 pixel #BB5C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5C46; -webkit-box-shadow:4px 4px  
4px 4px #BB5C46; box-shadow:4px 4px 4px  
4px #BB5C46 }
```

# Background

The CSS property to change the background color of an element to Hex BB5C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5C46 }
```

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

```
.background{ background-color:#BB5C46 }
```

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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