

# Converting Colors

Hex(BB4C40)

Have a look what the booklet for  
Hex(BB4C40) contains.

<b>Hex(BB4C40)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BB4C40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB4C40
RGB	187, 76, 64
RGB Percent	73%, 30%, 25%
CMY	0.2667, 0.7020, 0.7490
CMYK	0.00, 0.59, 0.66, 0.27
HSL	6°, 49%, 49%
HSV	6°, 66%, 73%
XYZ	24.0034, 16.1038, 6.6937
YIQ	107.8210, 70.0080, 19.8000

# Conversions

## Conversions Part 2

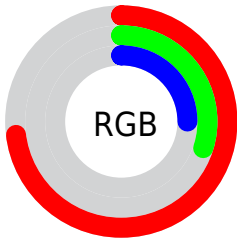
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 77, 64
Decimal	12274752
CIELab	47.11, 44.02, 29.88
CIElCh	47, 53.198, 34.167
Yxy	16.1038, 0.5129, 0.3441
Android (android.graphics.Color)	4290464832 (0xFFBB4C40)
YUV	107.8210, -21.6038, 69.4400
Hunter-Lab	40.1296, 36.5423, 18.2010

# Details

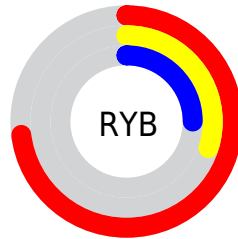
The Hex color **BB4C40** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **40AFBB**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F88170**, and **801515** is the 20% darker color. If you saturate the color by 10%, you get **BB3B2D**, and if you desaturate by 10%, it is **BB5D53**.

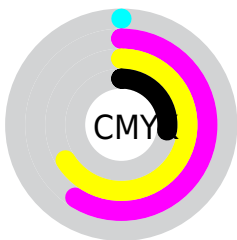
# Distribution



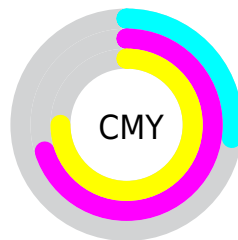
- Red (73%)
- Green (30%)
- Blue (25%)



- Red (73%)
- Yellow (30%)
- Blue (25%)



- Cyan (0%)
- Magenta (59%)
- Yellow (66%)
- Black (27%)



- Cyan (27%)
- Magenta (70%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB4C40 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 BB4C40 by changing the saturation by 10% instead.



 BB4C40

 BB4C40

FFFFFF

 9D322A

 F88170

 801515

 FF9C8A

 630000

 FFB8A4

 460000

 FFD4BF

 2C0001

 FFF1DB

 000000

 FFFFF8

 BB4C40

 BB4C40

 BB3B2D

 BB5D53

 BB2A1B

 BB6E65

 BB1908

 BB7F78

 BB1200

 BB908B

 BBA09E

 BBB1B0

 BBC2C3

 BBD3D6

 BBE4E8

# Harmonies

## Analogous

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



BF436B



BB4C40



A45F1A

# Triad

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



BB4C40



008247



0073C9

# Complementary

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



BB4C40



40AFBB

# 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.



007EC0



BB4C40



008575

# Square

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



BB4C40



527B1D



0084A1



7861BA

# Rectangle

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



BB4C40



8D6B04



0084A1



0078C9



# Sweetspot

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



BB4C40



F2C7C2



BB40B1



7A605D



FAFAFA



7A7A7A



# Same Dimension

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



BB4C40



F24633



BB8840



5E5655



9E0F00



1F0300



# Inverse Universe

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



40AFBB



33E0F2



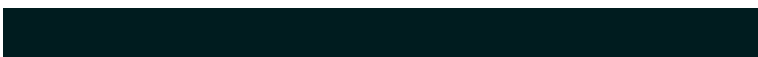
4073BB



555D5E



008F9E



001C1F



# Previews

## White Background



This preview shows how the Hex color BB4C40 looks on a white background.

## Color Contrast Check

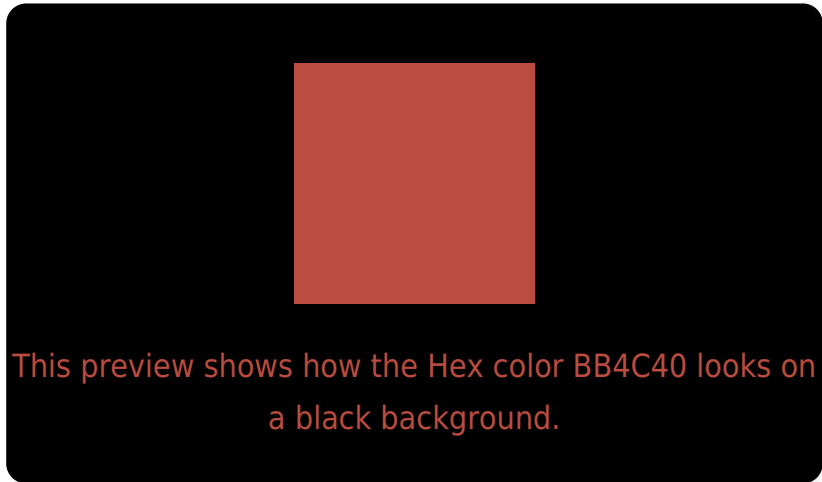
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB4C40 Background



This preview shows how black text looks on a background with the Hex color BB4C40.



This preview shows how white text looks on a background with the Hex color BB4C40.

# 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](#).

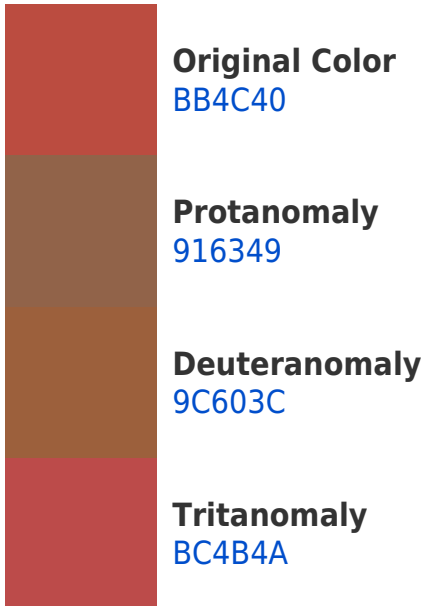
## Dichromacy





**Tritanopia**  
BC4A4F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB4C40 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 #BB4C40 looks like.

```
.text, #text, p{  
    color:#BB4C40  
}
```

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 #BB4C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4C40 }  
}
```

## Border

The CSS property to change the border of an element to Hex BB4C40 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".

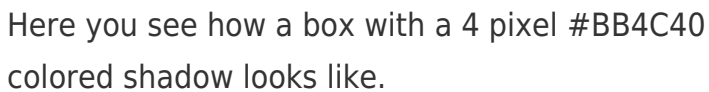
```
.border, #border, table{ border:4px solid #BB4C40 }  
}
```

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

```
.border{ border-color:#BB4C40 }
```

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

Here you see how a box with a 4 pixel #BB4C40 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4C40; -webkit-box-shadow:4px 4px  
4px 4px #BB4C40; box-shadow:4px 4px 4px  
4px #BB4C40 }
```

# Background

The CSS property to change the background color of an element to Hex BB4C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4C40 }
```

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

```
.background{ background-color:#BB4C40 }
```

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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