

# Converting Colors

Hex(BB4744)

Have a look what the booklet for  
Hex(BB4744) contains.

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**Color**

**Hex(BB4744)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB4744
RGB	187, 71, 68
RGB Percent	73%, 28%, 27%
CMY	0.2667, 0.7216, 0.7333
CMYK	0.00, 0.62, 0.64, 0.27
HSL	2°, 47%, 50%
HSV	2°, 64%, 73%
XYZ	23.7901, 15.4886, 7.2046
YIQ	105.3420, 70.0990, 23.6590

# Conversions

## Conversions Part 2

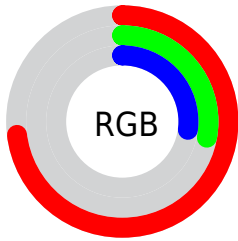
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 71, 68
Decimal	12273476
CIE <sub>Lab</sub>	46.30, 46.59, 26.51
CIE <sub>LCh</sub>	46, 53.604, 29.646
Yxy	15.4886, 0.5118, 0.3332
Android (android.graphics.Color)	4290463556 (0xFFBB4744)
YUV	105.3420, -18.4096, 71.6141
Hunter-Lab	39.3556, 39.0295, 16.6951

# Details

The Hex color **BB4744** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **44B8BB**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F87C74**, and **800A19** is the 20% darker color. If you saturate the color by 10%, you get **BB3531**, and if you desaturate by 10%, it is **BB5957**.

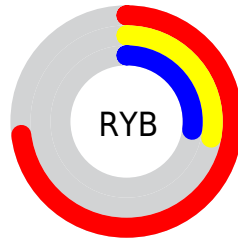
# Distribution



Red (73%)

Green (28%)

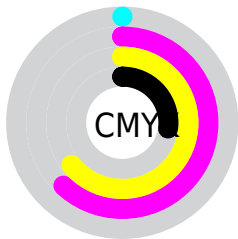
Blue (27%)



Red (73%)

Yellow (28%)

Blue (27%)

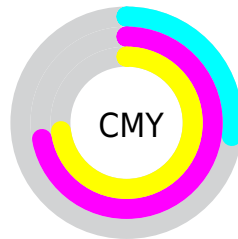


Cyan (0%)

Magenta (62%)

Yellow (64%)

Black (27%)



Cyan (27%)

Magenta (72%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB4744 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 BB4744 by changing the saturation by 10% instead.



 BB4744

 BB4744

FFFFFF

 9D2C2E

 F87C74

 800A19

 FF978E

 630000

 FFB3A8

 460000

 FFD0C4

 2B0001

 FFECE0

 000000

FFFFFFC

 BB4744

 BB4744

 BB3531

 BB5957

 BB231F

 BB6B69

 BB100C

 BB7E7C

 BB0500

 BB908F

 BBA2A2

 BBB4B4

 BBC7C7

 BBD9DA

 BBEBEC

# Harmonies

## Analogous

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



BC4070



BB4744



A65A1D

# Triad

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



BB4744



007F3E



0073C8

# Complementary

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



BB4744



44B8BB

# 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.



007EBB



BB4744



00826C

# Square

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



BB4744



577814



008299



6B62BC

# Rectangle

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



BB4744



916603



008299



0077C6



# Sweetspot

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



BB4744



F2C5C4



BB44B9



7A5F5E



F9FAFA



7A7A7A



# Same Dimension

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



BB4744



F23F3A



BB8144



5E5555



9E0400



1F0100



# Inverse Universe

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



44B8BB



3AEEF2



447EBB



555E5E



009A9E



001E1F



# Previews

## White Background



This preview shows how the Hex color BB4744 looks on a white background.

## Color Contrast Check

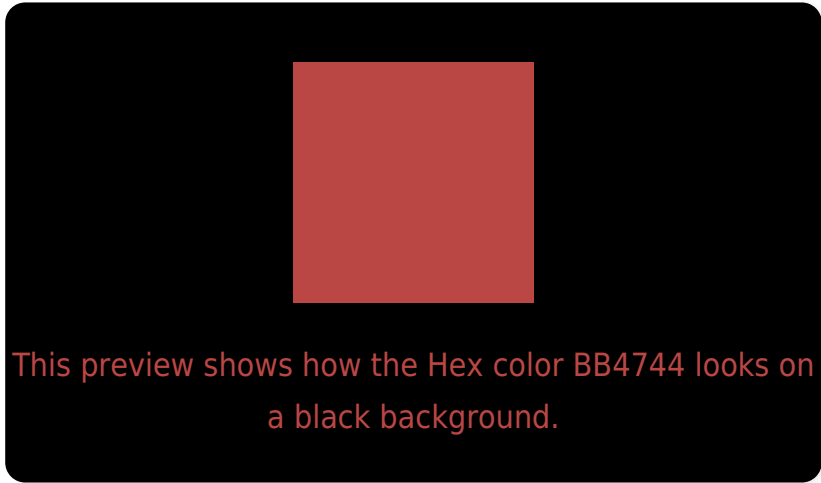
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB4744 Background



This preview shows how black text looks on a background with the Hex color BB4744.



This preview shows how white text looks on a background with the Hex color BB4744.

# 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**  
BB4744

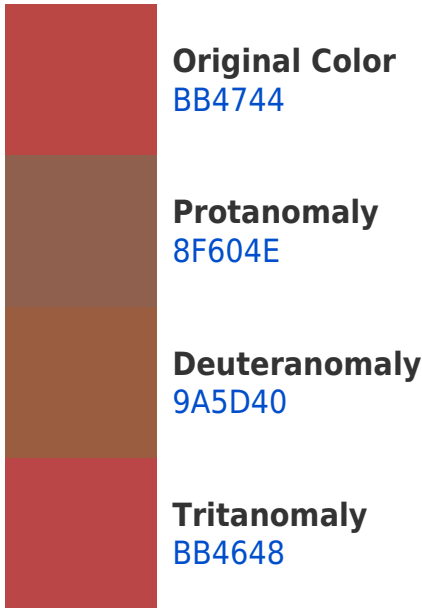
**Protanopia**  
766E54

**Deuteranopia**  
87693E



**Tritanopia**  
BB464A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB4744 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 #BB4744 looks like.

```
.text, #text, p{  
    color:#BB4744  
}
```

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 #BB4744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB4744
}
```

## Border

The CSS property to change the border of an element to Hex BB4744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

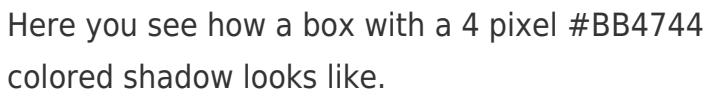
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB4744 }
```

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

```
.border{ border-color:#BB4744 }
```

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



Here you see how a box with a 4 pixel #BB4744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB4744; -webkit-box-shadow:4px 4px  
4px 4px #BB4744; box-shadow:4px 4px 4px  
4px #BB4744 }
```

# Background

The CSS property to change the background color of an element to Hex BB4744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB4744 }
```

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

```
.background{ background-color:#BB4744 }
```

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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