

# Converting Colors

Hex(BB6B69)

Have a look what the booklet for  
Hex(BB6B69) contains.

<b>Hex(BB6B69)</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(**BB6B69**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB6B69
RGB	187, 107, 105
RGB Percent	73%, 42%, 41%
CMY	0.2667, 0.5804, 0.5882
CMYK	0.00, 0.43, 0.44, 0.27
HSL	1°, 38%, 57%
HSV	1°, 44%, 73%
XYZ	28.3010, 22.1001, 16.1387
YIQ	130.6920, 48.3220, 16.3380

# Conversions

## Conversions Part 2

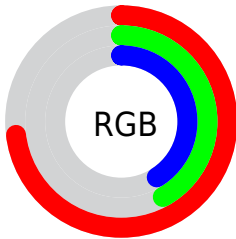
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	187, 107, 105
Decimal	12282729
CIE Lab	54.13, 31.58, 15.08
CIE LCh	54, 34.996, 25.516
Yxy	22.1001, 0.4253, 0.3321
Android (android.graphics.Color)	4290472809 (0xFFBB6B69)
YUV	130.6920, -12.6662, 49.3821
Hunter-Lab	47.0108, 25.1902, 12.5534

# Details

The Hex color **BB6B69** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69B9BB**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **F6A09C**, and **83393A** is the 20% darker color. If you saturate the color by 10%, you get **BB5956**, and if you desaturate by 10%, it is **BB7D7C**.

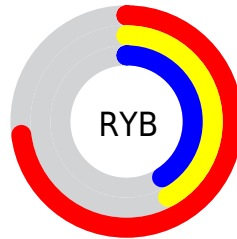
# Distribution



Red (73%)

Green (42%)

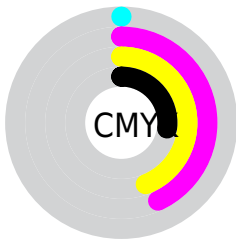
Blue (41%)



Red (73%)

Yellow (42%)

Blue (41%)

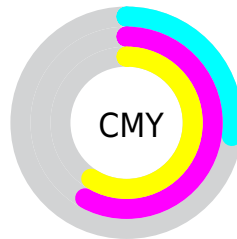


Cyan (0%)

Magenta (43%)

Yellow (44%)

Black (27%)



Cyan (27%)

Magenta (58%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB6B69 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 BB6B69 by changing the saturation by 10% instead.



 BB6B69

 BB6B69

FFFFFF

 9F5251

 F6A09C

 83393A

 FFBBB7

 672124

 FFD7D3

 4D0710

 FFF4EF

 340000

 100000

 000000

 BB6B69

 BB6B69

 BB5956

 BB7D7C

 BB4744

 BB8F8E

 BB3431

 BBA2A1

 BB221E

 BBB4B4

 BB100C

 BBC6C7

 BB0500

 BBD8D9

 BBEBEC

 BBFDFF

 BBFFFF

# Harmonies

## Analogous

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



B86A87



BB6B69



AF7351

# Triad

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



BB6B69



568E5E



4986BD

# Complementary

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



BB6B69



69B9BB

# 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.



008DB2



BB6B69



26917C

# Square

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



BB6B69



7A8749



00919A



7E7BB8

# Rectangle

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



BB6B69



A17B47



00919A



3289BB



# Sweetspot

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



BB6B69



F2D4D3



BB69BA



7A6767



FAFAFA



7A7A7A



# Same Dimension

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



BB6B69



F27572



BB9369



5E5555



9E0400



1F0100



# Inverse Universe

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



69B9BB



72EFF2



6991BB



555E5E



009A9E



001E1F



# Previews

## White Background



This preview shows how the Hex color BB6B69 looks on a white background.

## Color Contrast Check

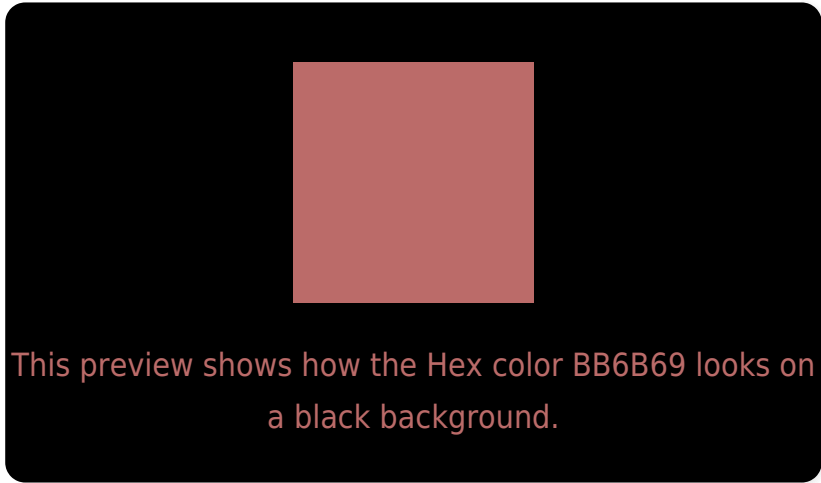
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB6B69 Background



This preview shows how black text looks on a background with the Hex color BB6B69.



This preview shows how white text looks on a background with the Hex color BB6B69.

# 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](#).

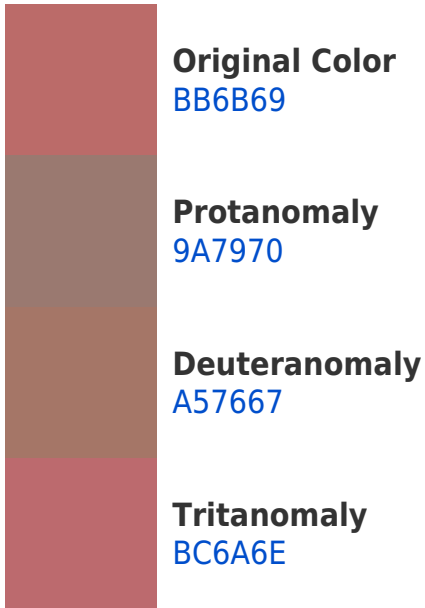
## Dichromacy





**Tritanopia**  
BC6A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB6B69 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 #BB6B69 looks like.

```
.text, #text, p{  
    color:#BB6B69  
}
```

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 #BB6B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6B69
}
```

## Border

The CSS property to change the border of an element to Hex BB6B69 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
#BB6B69 }
```

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

```
.border{ border-color:#BB6B69 }
```

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

Here you see how a box with a 4 pixel #BB6B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6B69; -webkit-box-shadow:4px 4px  
4px 4px #BB6B69; box-shadow:4px 4px 4px  
4px #BB6B69 }
```

# Background

The CSS property to change the background color of an element to Hex BB6B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6B69 }
```

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

```
.background{ background-color:#BB6B69 }
```

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