

# Converting Colors

Hex(BBB8BB)

Have a look what the booklet for  
Hex(BBB8BB) contains.

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# **Color**

**Hex(BBB8BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB8BB
RGB	187, 184, 187
RGB Percent	73%, 72%, 73%
CMY	0.2667, 0.2784, 0.2667
CMYK	0.00, 0.02, 0.00, 0.27
HSL	300°, 2%, 73%
HSV	300°, 2%, 73%
XYZ	46.6036, 48.4336, 53.9061
YIQ	185.2390, 0.8250, 1.5690

# Conversions

## Conversions Part 2

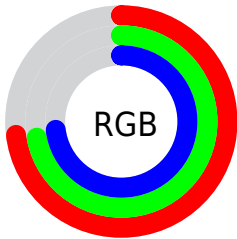
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 184, 187
Decimal	12302523
CIE Lab	75.10, 1.61, -1.15
CIE LCh	75, 1.981, 324.405
Yxy	48.4336, 0.3129, 0.3252
Android (android.graphics.Color)	4290492603 (0xFFBBB8BB)
YUV	185.2390, 0.8682, 1.5444
Hunter-Lab	69.5943, -2.2579, 2.7914

# Details

The Hex color **BBB8BB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B8BBB8**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F3F0F3**, and **868386** is the 20% darker color. If you saturate the color by 10%, you get **BBA5BB**, and if you desaturate by 10%, it is **BBCBBB**.

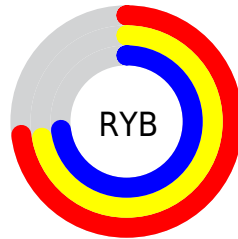
# Distribution



Red (73%)

Green (72%)

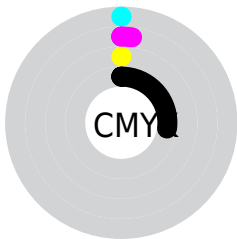
Blue (73%)



Red (73%)

Yellow (72%)

Blue (73%)

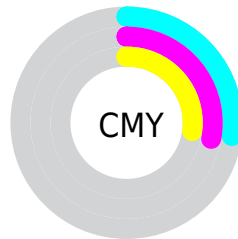


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB8BB 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 BBB8BB by changing the saturation by 10% instead.



■ BBB8BB

■ BBB8BB

FFFFFF

■ A09DA0

■ F3F0F3

■ 868386

■ 6D6A6D

■ 545254

■ 3D3B3D

■ 272528

■ 131013

■ 000000

■ BBB8BB

■ BBB8BB

 BBA5BB

 BBCBBB

 BB93BB

 BBDDBB

 BB80BB

 BBF0BB

 BB6DBB

 BBFFBB

 BB5BBB

 BB48BB

 BB35BB

 BB22BB

 BB10BB

# Harmonies

## Analogous

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



B9B9BC



BBB8BB



BDB8B9

# Triad

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



BBB8BB



BBB9B5



B5BABA

# Complementary

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



**BBB8BB**



**B8BBB8**

# 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.



B5BAB8



BBB8BB



B9B9B6

# Square

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



BBB8BB



BCB8B6



B7BAB7



B5BABC

# Rectangle

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



**BBB8BB**



**BDB8B8**



**B7BAB7**



**B5BABA**

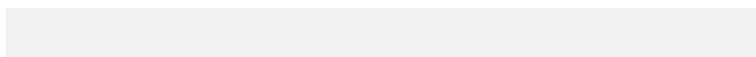


# Sweetspot

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



BBB8BB



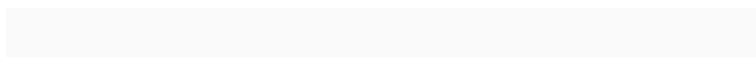
F2F2F2



B8B8BB



7A7A7A



FAFAFA

# Same Dimension

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



BBB8BB



F2EDF2



BBB8BA



5E5C5E



9E009E



1F001F



# Inverse Universe

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



BBB8BB



F2EDF2



B8BBBA



5E5C5E



9E009E



1F001F



# Previews

## White Background



This preview shows how the Hex color BBB8BB looks on a white background.

## Color Contrast Check

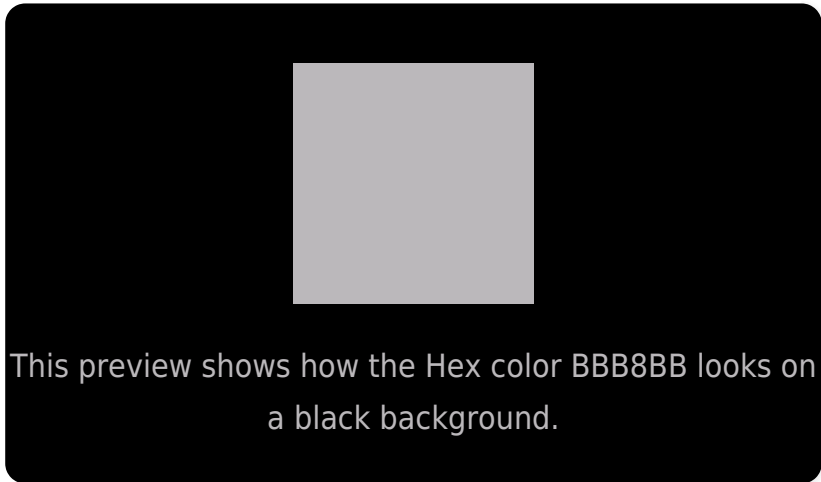
Large Text (above 18pt) WCAG AA × Fail

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

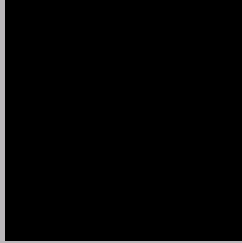
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

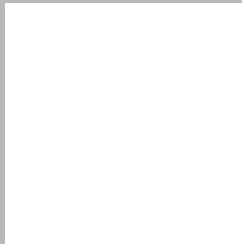
Any Text WCAG AAA ✓ Pass

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

## Hex BBB8BB Background



This preview shows how black text looks on a background with the Hex color BBB8BB.



This preview shows how white text looks on a background with the Hex color BBB8BB.



# 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**  
BDB6C5

# Trichromacy



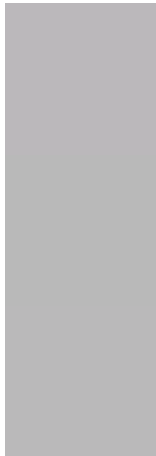
**Original Color**  
BBB8BB

**Protanomaly**  
BBB8BB

**Deuteranomaly**  
C4B5BC

**Tritanomaly**  
BCB7C1

# Monochromacy



**Original Color**  
BBB8BB

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
BAB9BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB8BB 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 #BBB8BB looks like.

```
.text, #text, p{  
    color:#BBB8BB  
}
```

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 #BBB8BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB8BB  
}
```

## Border

The CSS property to change the border of an element to Hex BBB8BB 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  
#BBB8BB }
```

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

```
.border{ border-color:#BBB8BB }
```

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

Here you see how a box with a 4 pixel #BBB8BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB8BB; -webkit-box-shadow:4px 4px  
4px 4px #BBB8BB; box-shadow:4px 4px 4px  
4px #BBB8BB }
```

# Background

The CSS property to change the background color of an element to Hex BBB8BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB8BB }
```

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

```
.background{ background-color:#BBB8BB }
```

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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