

# Converting Colors

Hex(BCBBB8)

Have a look what the booklet for  
Hex(BCBBB8) contains.

<b>Hex(BCBBB8)</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(BCBBB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCBBB8
RGB	188, 187, 184
RGB Percent	74%, 73%, 72%
CMY	0.2627, 0.2667, 0.2784
CMYK	0.00, 0.01, 0.02, 0.26
HSL	45°, 3%, 73%
HSV	45°, 2%, 74%
XYZ	47.1611, 49.6927, 52.4534
YIQ	186.9570, 1.5590, -0.7210

# Conversions

## Conversions Part 2

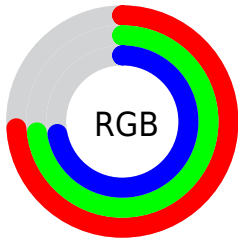
Format	Color
R <sub>Y</sub> B	185, 188, 184
Decimal	12368824
CIE Lab	75.88, -0.20, 1.63
CIE LCh	76, 1.642, 96.879
Yxy	49.6927, 0.3159, 0.3328
Android (android.graphics.Color)	4290558904 (0xFFBCBBB8)
YUV	186.9570, -1.4578, 0.9147
Hunter-Lab	70.4931, -3.9432, 5.2279

# Details

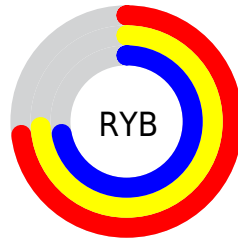
The Hex color **BCBBB8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B8B9BC**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F4F3F0**, and **878683** is the 20% darker color. If you saturate the color by 10%, you get **BCB6A5**, and if you desaturate by 10%, it is **BCC0CB**.

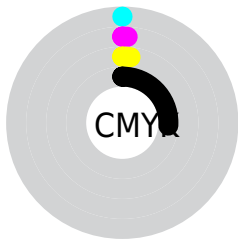
# Distribution



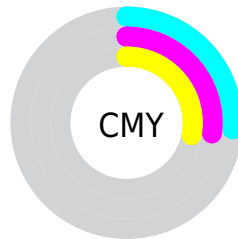
- Red (74%)
- Green (73%)
- Blue (72%)



- Red (73%)
- Yellow (74%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (26%)



- Cyan (26%)
- Magenta (27%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCBBB8 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 BCBBB8 by changing the saturation by 10% instead.



 BCBBB8

 BCBBB8

FFFFFF

 A1A09D

 F4F3F0

 878683

 6E6D6A

 555452

 3E3D3B

 282825

 141310

 000000

 BCBBB8

 BCBBB8

 BCB6A5

 BCC0CB

 BCB292

 BCC4DE

 BCAD80

 BCC9F0

 BCA86D

 BCCEFF

 BCA35A

 BCD3FF

 BC9F47

 BCD7FF

 BC9A34

 BCDCFF

 BC9522

 BCE1FF

 BC910F

 BCE5FF

# Harmonies

## Analogous

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



BEBBB8



BCBBB8



BABBB9

# Triad

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



BCBBB8



B8BCBD



BDBABC

# Complementary

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



BCBBB8



B8B9BC

# 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.



BCBBBD



BCBBB8



B8BBBE

# Square

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



BCBBB8



B8BCBB



BABBBE



BEBABB

# Rectangle

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



BCBBB8



B9BCB9



BABBBE



BDBABD

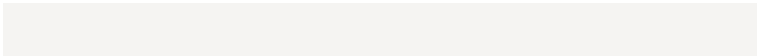


# Sweetspot

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



BCBBB8



F5F4F2



BCB8B9



7A7A79



FAFAFA



7A7A7A



# Same Dimension

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



BCBBB8



F5F3ED



BBBCB8



5E5D5B



9E7700



1F1700



# Inverse Universe

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



B8B9BC



EDEFF5



B9B8BC



5B5C5E



00289E



00081F



# Previews

## White Background



This preview shows how the Hex color BCBBB8 looks on a white background.

## Color Contrast Check

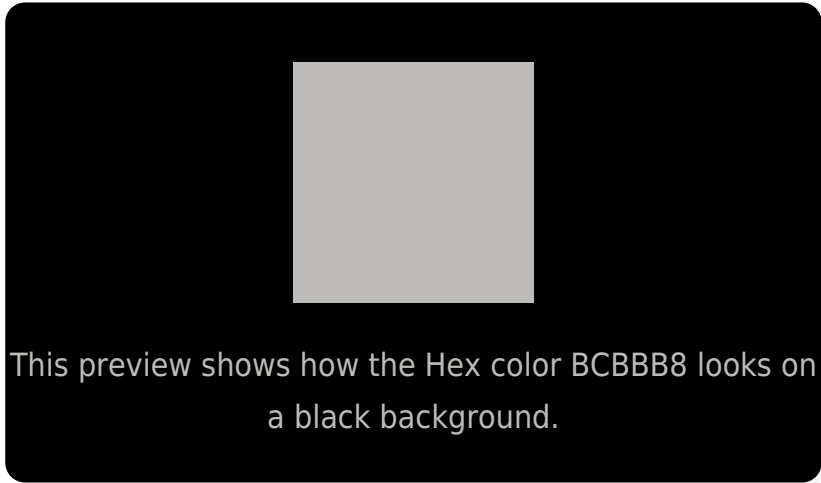
Large Text (above 18pt) WCAG AA × Fail

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

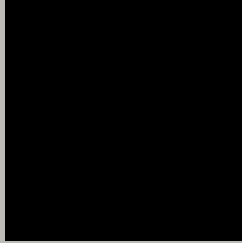
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

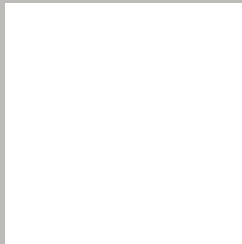
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCBBB8 Background



This preview shows how black text looks on a background with the Hex color BCBBB8.



This preview shows how white text looks on a background with the Hex color BCBBB8.

# 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**  
BEB9C7

# Trichromacy



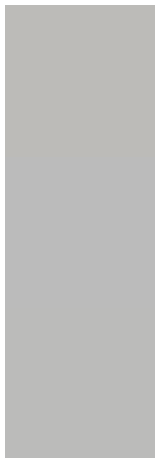
**Original Color**  
BCBBB8

**Protanomaly**  
BEBAB7

**Deuteranomaly**  
C7B7B9

**Tritanomaly**  
BDBAC2

# Monochromacy



**Original Color**  
BCBBB8

**Achromatopsia**  
BBBBBB

**Achromatomaly**  
BBBBBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCBBB8 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 #BCBBB8 looks like.

```
.text, #text, p{  
    color:#BCBBB8  
}
```

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 #BCBBB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCBBB8
}
```

## Border

The CSS property to change the border of an element to Hex BCBBB8 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
#BCBBB8 }
```

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

```
.border{ border-color:#BCBBB8 }
```

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

Here you see how a box with a 4 pixel #BCBBB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCBBB8; -webkit-box-shadow:4px 4px  
4px 4px #BCBBB8; box-shadow:4px 4px 4px  
4px #BCBBB8 }
```

# Background

The CSS property to change the background color of an element to Hex BCBBB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCBBB8 }
```

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

```
.background{ background-color:#BCBBB8 }
```

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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