

# Converting Colors

Hex(BCBDB8)

Have a look what the booklet for  
Hex(BCBDB8) contains.

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# **Color**

**Hex(BCBDB8)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | BCBDB8                    |
| RGB         | 188, 189, 184             |
| RGB Percent | 74%, 74%, 72%             |
| CMY         | 0.2627, 0.2588, 0.2784    |
| CMYK        | 0.01, 0.00, 0.03, 0.26    |
| HSL         | 72°, 4%, 73%              |
| HSV         | 72°, 3%, 74%              |
| XYZ         | 47.5884, 50.5472, 52.5958 |
| YIQ         | 188.1310, 1.0090, -1.7670 |

# Conversions

## Conversions Part 2

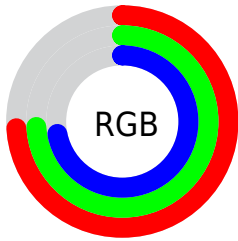
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">184, 189, 185</a>                  |
| Decimal                             | <a href="#">12369336</a>                       |
| CIELab                              | <a href="#">76.40, -1.26, 2.39</a>             |
| CIElCh                              | <a href="#">76, 2.704, 117.822</a>             |
| Yxy                                 | <a href="#">50.5472, 0.3157,<br/>0.3353</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290559416<br/>(0xFFBCBDB8)</a>    |
| YUV                                 | <a href="#">188.1310, -2.0366,<br/>-0.1149</a> |
| Hunter-Lab                          | <a href="#">71.0966, -4.9404,<br/>5.9061</a>   |

# Details

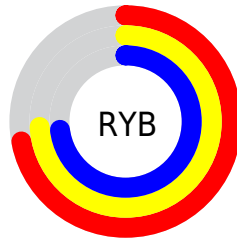
The Hex color **BCBDB8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B9B8BD**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F4F5F0**, and **878883** is the 20% darker color. If you saturate the color by 10%, you get **B8BDA5**, and if you desaturate by 10%, it is **C0BDCB**.

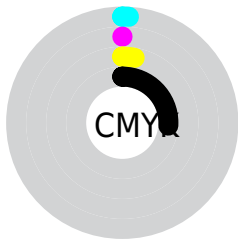
# Distribution



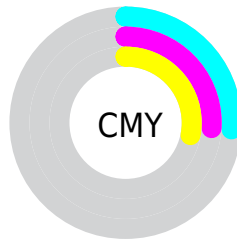
- Red (74%)
- Green (74%)
- Blue (72%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color BCBDB8 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 BCBDB8 by changing the saturation by 10% instead.



 BCBDB8

 BCBDB8

FFFFFF

 A1A29D

 F4F5F0

 878883

 6E6E6A

 555652

 3E3F3B

 282925

 141510

 000000

 BCBDB8

 BCBDB8

 B8BDA5

 C0BDCB

 B4BD92

 C4BDDE

 B1BD7F

 C7BDF1

 ADBD6C

 CBBDFE

 A9BD5A

 CFBDFE

 A5BD47

 D3BDFE

 A2BD34

 D6BDFE

 9EBD21

 DABDFE

 9ABD0E

 DEBDFE

# Harmonies

## Analogous

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



BFBCB7



BCBDB8



B9BEBA

# Triad

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



BCBDB8



B8BDC1



C2BBBD

# Complementary

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



BCBDB8



B9B8BD

# 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.



C0BBBF



BCBDB8



BABDC1

# Square

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



BCBDB8



B7BEBF



BDBCC1



C2BBBA

# Rectangle

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



BCBDB8



B8BEBB



BDBCC1



C1BBBE



# Sweetspot

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



BCBDB8



F4F5F2



BDB9B8



7A7A79



FAFAFA



7A7A7A



# Same Dimension

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



BCBDB8



F3F5ED



BABDB8



5E5E5B



7E9E00



181F00



# Inverse Universe

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



B9B8BD



EFEDF5



BBB8BD



5B5B5E



20009E



06001F



# Previews

## White Background



This preview shows how the Hex color BCBDB8 looks on a white background.

## Color Contrast Check

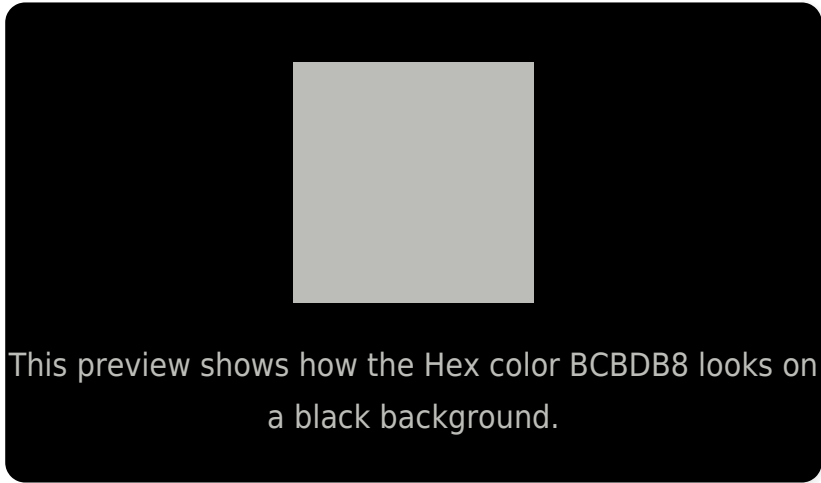
Large Text (above 18pt) WCAG AA × Fail

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

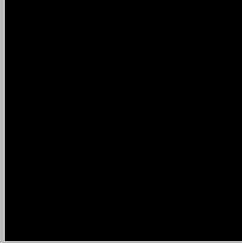
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

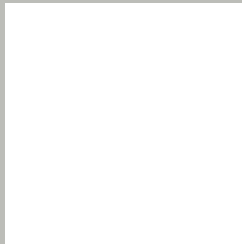
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCBDB8 Background



This preview shows how black text looks on a background with the Hex color BCBDB8.



This preview shows how white text looks on a background with the Hex color BCBDB8.

# 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



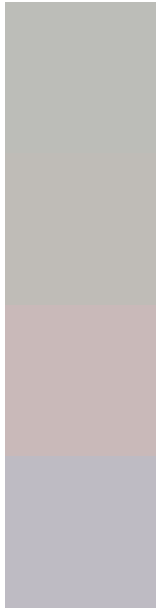
**Original Color**  
BCBDB8

**Protanopia**  
C1BCB7

**Deuteranopia**  
D0B6B9



# Trichromacy



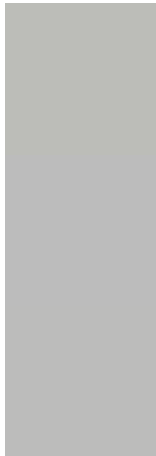
**Original Color**  
BCBDB8

**Protanomaly**  
BFBCB7

**Deuteranomaly**  
C9B9B9

**Tritanomaly**  
BEBBC3

# Monochromacy



**Original Color**  
BCBDB8

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
BCBCBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCBDB8 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 #BCBDB8 looks like.

```
.text, #text, p{  
    color:#BCBDB8  
}
```

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 #BCBDB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCBDB8  
}
```

## Border

The CSS property to change the border of an element to Hex BCBDB8 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  
#BCBDB8 }
```

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

```
.border{ border-color:#BCBDB8 }
```

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

Here you see how a box with a 4 pixel #BCBDB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCBDB8; -webkit-box-shadow:4px 4px  
4px 4px #BCBDB8; box-shadow:4px 4px 4px  
4px #BCBDB8 }
```

# Background

The CSS property to change the background color of an element to Hex BCBDB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCBDB8 }
```

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

```
.background{ background-color:#BCBDB8 }
```

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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