

# Converting Colors

Hex(C8BDBD)

Have a look what the booklet for  
Hex(C8BDBD) contains.

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# **Color**

**Hex(C8BDBD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8BDBD
RGB	200, 189, 189
RGB Percent	78%, 74%, 74%
CMY	0.2157, 0.2588, 0.2588
CMYK	0.00, 0.05, 0.05, 0.22
HSL	0°, 9%, 76%
HSV	0°, 5%, 78%
XYZ	51.2023, 52.3487, 55.5498
YIQ	192.2890, 6.5560, 2.3320

# Conversions

## Conversions Part 2

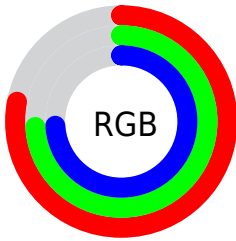
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 189, 189
Decimal	13155773
CIE Lab	77.49, 3.87, 1.38
CIE LCh	77, 4.106, 19.606
Yxy	52.3487, 0.3218, 0.3290
Android (android.graphics.Color)	4291345853 (0xFFC8BDBD)
YUV	192.2890, -1.6215, 6.7625
Hunter-Lab	72.3524, -0.2958, 5.1258

# Details

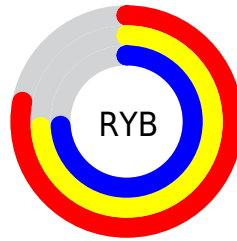
The Hex color **C8BDBD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BDC8C8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF5F5**, and **928888** is the 20% darker color. If you saturate the color by 10%, you get **C8A9A9**, and if you desaturate by 10%, it is **C8D1D1**.

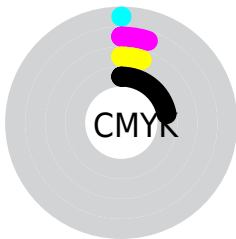
# Distribution



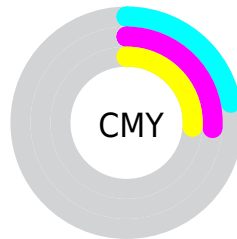
- Red (78%)
- Green (74%)
- Blue (74%)



- Red (78%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (26%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8BDBD 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 C8BDBD by changing the saturation by 10% instead.





C8BDBD



C8BDBD

FFFFFF



ADA2A2



FFF5F5



928888



786E6E



605656



483F3F



312929



1C1515



000000



C8BDBD



C8BDBD

 C8A9A9

 C8D1D1

 C89595

 C8E5E5

 C88181

 C8F9F9

 C86D6D

 C8FFFF

 C85959

 C84545

 C83131

 C81D1D

 C80909

# Harmonies

## Analogous

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



C7BDC1



C8BDBD



C7BEBA

# Triad

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



C8BDBD



BCC1BA



BAC0C7

# Complementary

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



C8BDBD



BDC8C8

# 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.



B7C1C5



C8BDBD



B8C2BE

# Square

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



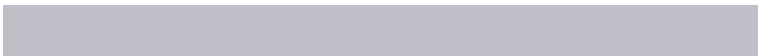
C8BDBD



C0C0B8



B6C2C2



BFBFC7

# Rectangle

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



C8BDBD



C5BEB8



B6C2C2



B9C1C6



# Sweetspot

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



C8BDBD



FFFAFA



C8BDC8



807D7D



000000



808080

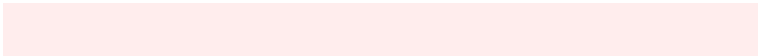


# Same Dimension

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



C8BDBD



FFEDED



C8C3BD



635B5B



A30000



240000

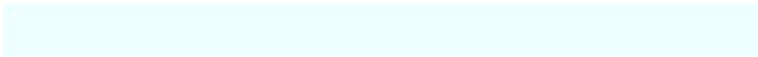


# Inverse Universe

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



BDC8C8



EDFFFF



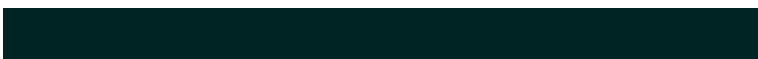
BDC3C8



5B6363



00A3A3

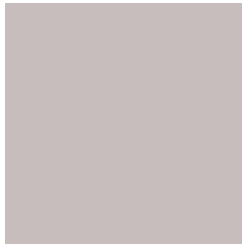


002424



# Previews

## White Background



This preview shows how the Hex color C8BDBD looks on a white background.

## Color Contrast Check

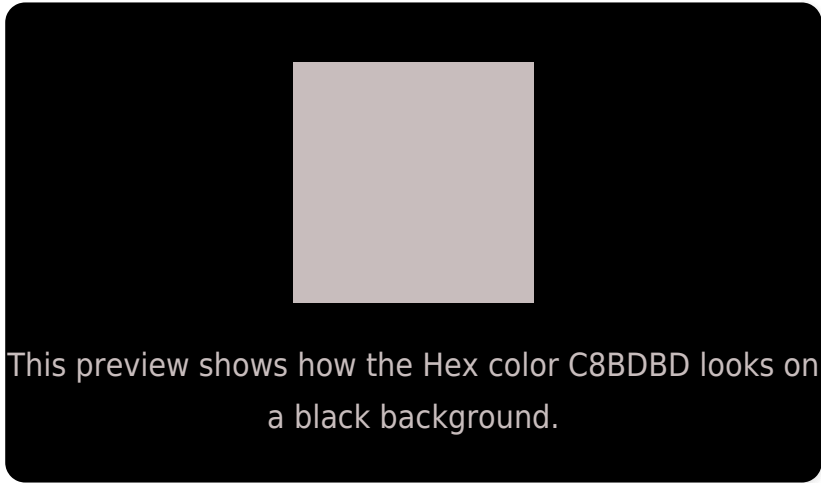
Large Text (above 18pt) WCAG AA × Fail

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

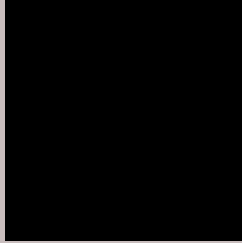
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

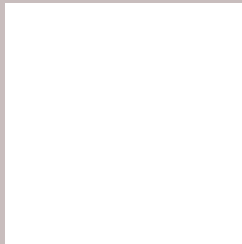
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C8BDBD Background



This preview shows how black text looks on a background with the Hex color C8BDBD.

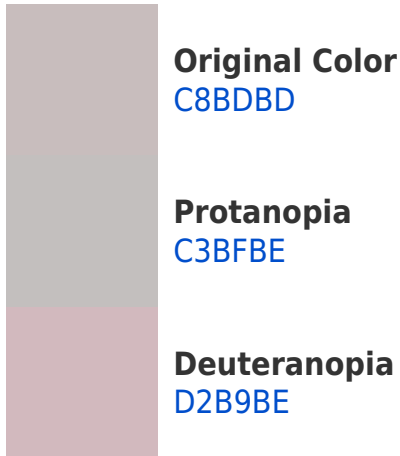


This preview shows how white text looks on a background with the Hex color C8BDBD.

# 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





# Trichromacy



**Original Color**  
C8BDBD

**Protanomaly**  
C5BEBE

**Deuteranomaly**  
CEBABE

**Tritanomaly**  
C9BCC5

# Monochromacy



**Original Color**  
C8BDBD

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
C3BFBF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8BDBD 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 #C8BDBD looks like.

```
.text, #text, p{  
    color:#C8BDBD  
}
```

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 #C8BDBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8BDBD
}
```

## Border

The CSS property to change the border of an element to Hex C8BDBD 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
#C8BDBD }
```

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

```
.border{ border-color:#C8BDBD }
```

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

Here you see how a box with a 4 pixel #C8BDBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8BDBD; -webkit-box-shadow:4px 4px  
4px 4px #C8BDBD; box-shadow:4px 4px 4px  
4px #C8BDBD }
```

# Background

The CSS property to change the background color of an element to Hex C8BDBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8BDBD }
```

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

```
.background{ background-color:#C8BDBD }
```

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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