

# Converting Colors

Hex(BDCCBC)

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

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# **Color**

**Hex(BDCCBC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>BDCCBC</b>
RGB	<b>189, 204, 188</b>
RGB Percent	<b>74%, 80%, 74%</b>
CMY	<b>0.2588, 0.2000, 0.2627</b>
CMYK	<b>0.07, 0.00, 0.08, 0.20</b>
HSL	<b>116°, 14%, 77%</b>
HSV	<b>116°, 8%, 80%</b>
XYZ	<b>51.6562, 57.6354, 55.9791</b>
YIQ	<b>197.6910, -3.8040, -8.1560</b>

# Conversions

## Conversions Part 2

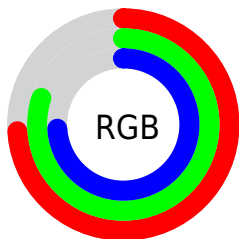
Format	Color
R <sub>YB</sub>	188, 204, 203
Decimal	12438716
CIE Lab	80.54, -8.07, 6.22
CIE LCh	81, 10.186, 142.364
Yxy	57.6354, 0.3126, 0.3487
Android (android.graphics.Color)	4290628796 (0xFFBDCCBC)
YUV	197.6910, -4.7777, -7.6220
Hunter-Lab	75.9180, -11.4012, 9.4243

# Details

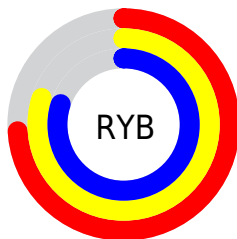
The Hex color **BDCCBC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CBBCCC**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F5FFF4**, and **889687** is the 20% darker color. If you saturate the color by 10%, you get **AACCA8**, and if you desaturate by 10%, it is **D0CCD0**.

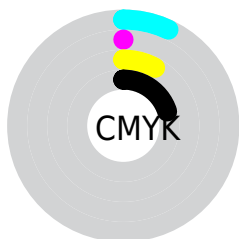
# Distribution



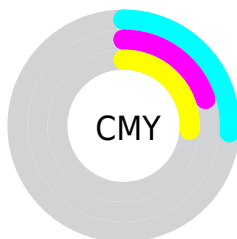
- Red (74%)
- Green (80%)
- Blue (74%)



- Red (74%)
- Yellow (80%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



 BDCCBC

FFFFFF

 F5FFF4

 BDCCBC

 A2B1A1

 889687

 6E7C6D

 566355

 3F4B3E

 293528

 141F14

 000400

 000000

 BDCCBC

 BDCCBC

 AACCA8

 D0CCD0

 97CC93

 E3CCE5

 84CC7F

 F6CCF9

 71CC6A

 FFCCFF

 5DCC56

 4ACC42

 37CC2D

 24CC19

 11CC04

# Harmonies

## Analogous

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



C8C9B6



BDCCBC



B4CDC5

# Triad

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



BDCCBC



BBC9DA



DDC2C1

# Complementary

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



BDCCBC



CBBCCC

# 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.



DAC2CB



BDCCBC



C7C6D9

# Square

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



BDCBC



B3CCD7



D2C3D4



DAC3B9

# Rectangle

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



BDCBC



B1CECC



D2C3D4



DCC2C4



# Sweetspot

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



BDCCBC



FAFFFA



CCCBBC



7D807D



000000



808080

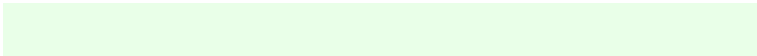


# Same Dimension

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



BDCCBC



E9FFE8



BCCCC3



5C665C



0AA600



022600



# Inverse Universe

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



CBBCCC



FEE8FF



CCBCC5



655C66



9B00A6

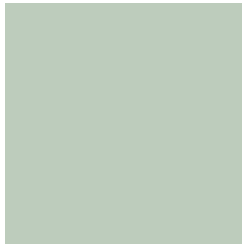


240026



# Previews

## White Background



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

## Color Contrast Check

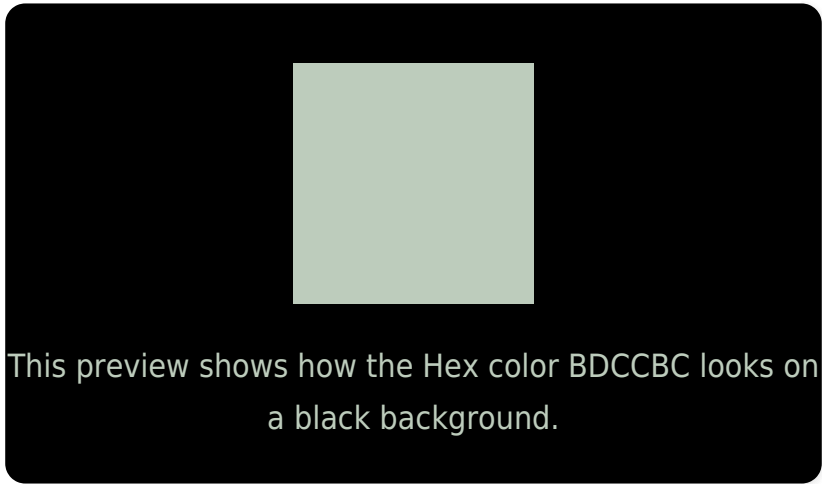
Large Text (above 18pt) WCAG AA × Fail

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

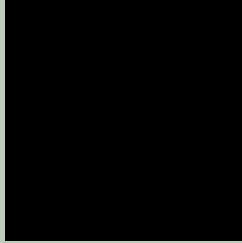
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

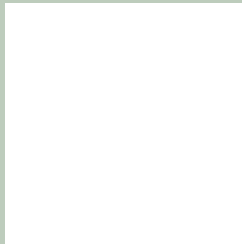
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDCCBC Background



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

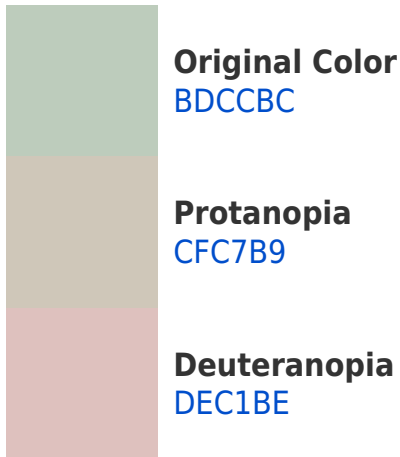


This preview shows how white text looks on a background with the Hex color BDCCBC.

# 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](#).

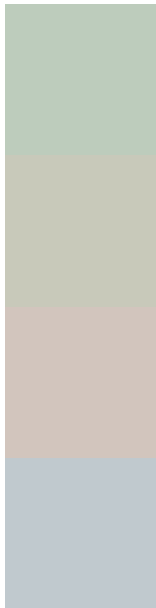
## Dichromacy





**Tritanopia**  
C1C8D8

# Trichromacy



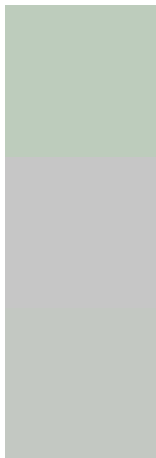
**Original Color**  
BDCCBC

**Protanomaly**  
C8C9BA

**Deuteranomaly**  
D2C5BD

**Tritanomaly**  
C0C9CE

# Monochromacy



**Original Color**  
BDCCBC

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
C3C8C2

# CSS Examples

## Text

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

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

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 #BDCCBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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