

# Converting Colors

Hex(BDCBD4)

Have a look what the booklet for  
Hex(BDCBD4) contains.

<b>Hex(BDCBD4)</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(BDCBD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDCBD4
RGB	189, 203, 212
RGB Percent	74%, 80%, 83%
CMY	0.2588, 0.2039, 0.1686
CMYK	0.11, 0.04, 0.00, 0.17
HSL	203°, 21%, 79%
HSV	203°, 11%, 83%
XYZ	54.2259, 58.2842, 70.6793
YIQ	199.8400, -11.2330, -0.1690

# Conversions

## Conversions Part 2

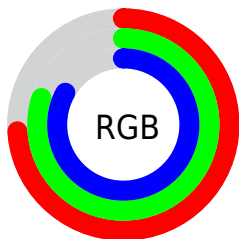
Format	Color
<a href="#">RYB</a>	<a href="#">189, 198, 212</a>
Decimal	<a href="#">12438484</a>
CIELab	<a href="#">80.90, -2.97, -6.11</a>
CIELCh	<a href="#">81, 6.789, 244.105</a>
Yxy	<a href="#">58.2842, 0.2960, 0.3182</a>
Android (android.graphics.Color)	<a href="#">4290628564 (0xFFBDCBD4)</a>
YUV	<a href="#">199.8400, 5.9949, -9.5067</a>
Hunter-Lab	<a href="#">76.3441, -6.8166, -1.4498</a>

# Details

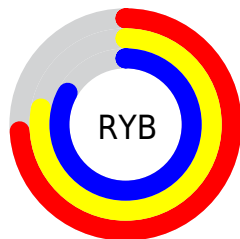
The Hex color **BDCBD4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D4C6BD**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F5FFFF**, and **88959D** is the 20% darker color. If you saturate the color by 10%, you get **A8C3D4**, and if you desaturate by 10%, it is **D2D3D4**.

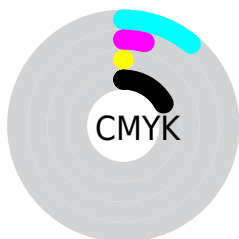
# Distribution



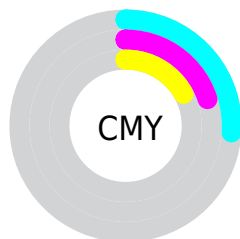
- Red (74%)
- Green (80%)
- Blue (83%)



- Red (74%)
- Yellow (78%)
- Blue (83%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (20%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDCBD4 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 BDCBD4 by changing the saturation by 10% instead.



 BDCBD4

FFFFFF

 F5FFFF

 BDCBD4

 A2B0B8

 88959D

 6E7B83

 56626A

 3E4B52

 28343B

 131F25

 000611

 000000

 BDCBD4

 BDCBD4

 A8C3D4

 D2D3D4

 93BAD4

 E7DCD4

 7DB2D4

 FDE4D4

 68AAD4

 FFECD4

 53A2D4

 FFF4D4

 3E99D4

 FFFDD4

 2991D4

 FFFF4D4

 1389D4

 0081D4

# Harmonies

## Analogous

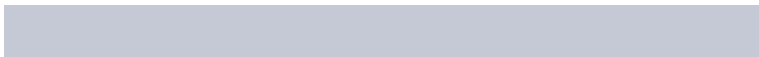
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BACCD0



BDCBD4



C4C9D5

# Triad

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



BDCBD4



D6C5C8



C6CBBE

# Complementary

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



BDCBD4



D4C6BD

# 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.



CDC9BC



BDCBD4



D7C5C2

# Square

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



BDCBD4



D2C5CE



D3C7BE



BFCCC3

# Rectangle

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



BDCBD4



C9C8D4



D3C7BE



C9CABD

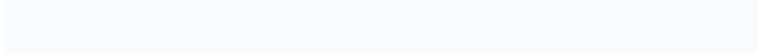


# Sweetspot

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



BDCBD4



F7FCFF



BDD4C6



7A7E80



000000



808080

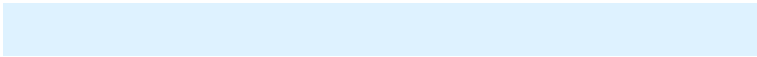


# Same Dimension

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



BDCBD4



DEF2FF



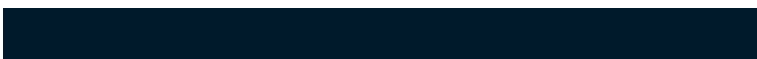
BDC0D4



60676B



0068AB



001A2B



# Inverse Universe

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



D4BDCB



FFDEF2



D4D1BD



6B6067



AB0068

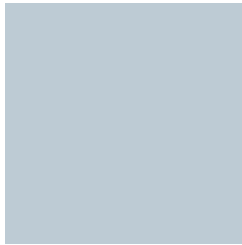


2B001A



# Previews

## White Background



This preview shows how the Hex color BDCBD4 looks on a white background.

## Color Contrast Check

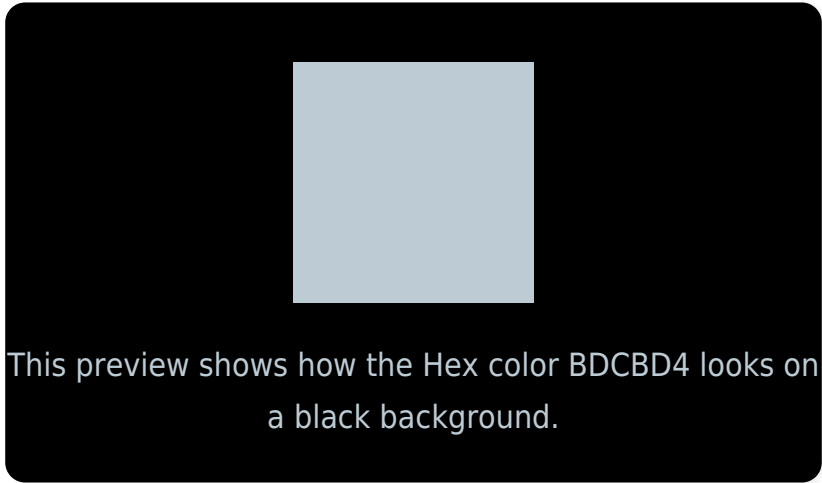
Large Text (above 18pt) WCAG AA × Fail

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

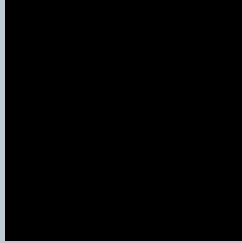
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

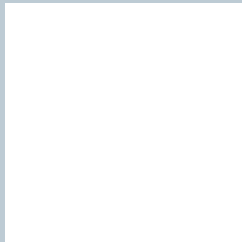
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDCBD4 Background



This preview shows how black text looks on a background with the Hex color BDCBD4.



This preview shows how white text looks on a background with the Hex color BDCBD4.

# 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



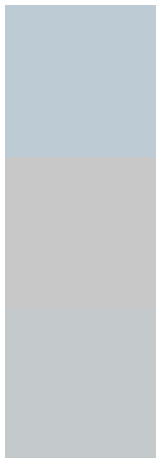
**Original Color**  
BDCBD4

**Protanomaly**  
C5C8D3

**Deuteranomaly**  
CDC6D5

**Tritanomaly**  
BECAD8

# Monochromacy



**Original Color**  
BDCBD4

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C4C9CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDCBD4 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 #BDCBD4 looks like.

```
.text, #text, p{  
    color:#BDCBD4  
}
```

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 #BDCBD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDCBD4
}
```

## Border

The CSS property to change the border of an element to Hex BDCBD4 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
#BDCBD4 }
```

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

```
.border{ border-color:#BDCBD4 }
```

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

Here you see how a box with a 4 pixel #BDCBD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDCBD4; -webkit-box-shadow:4px 4px  
4px 4px #BDCBD4; box-shadow:4px 4px 4px  
4px #BDCBD4 }
```

# Background

The CSS property to change the background color of an element to Hex BDCBD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDCBD4 }
```

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

```
.background{ background-color:#BDCBD4 }
```

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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