

# Converting Colors

Hex(BCDBDB)

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

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# **Color**

**Hex(BCDBDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCDBDB
RGB	188, 219, 219
RGB Percent	74%, 86%, 86%
CMY	0.2627, 0.1412, 0.1412
CMYK	0.14, 0.00, 0.00, 0.14
HSL	180°, 30%, 80%
HSV	180°, 14%, 86%
XYZ	58.8567, 66.4689, 76.7455
YIQ	209.7310, -18.4760, -6.5720

# Conversions

## Conversions Part 2

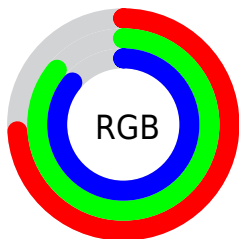
Format	Color
R <sub>Y</sub> B	188, 204, 219
Decimal	12377051
CIE Lab	85.24, -10.18, -3.45
CIE LCh	85, 10.749, 198.700
Yxy	66.4689, 0.2913, 0.3289
Android (android.graphics.Color)	4290567131 (0xFFBCDBDB)
YUV	209.7310, 4.5696, -19.0581
Hunter-Lab	81.5284, -13.8127, 1.2582

# Details

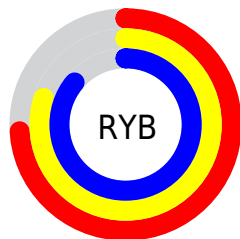
The Hex color **BCDBDB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBBCBC**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F5FFFF**, and **86A4A4** is the 20% darker color. If you saturate the color by 10%, you get **A6DBDB**, and if you desaturate by 10%, it is **D2DBDB**.

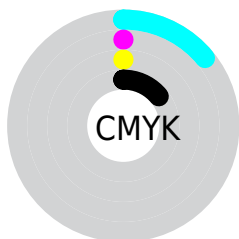
# Distribution



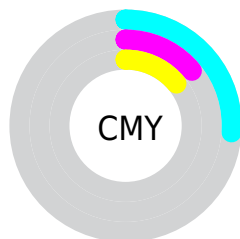
- Red (74%)
- Green (86%)
- Blue (86%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (14%)

# Brightness & Saturation Gradients

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





BCDBDB

FFFFFF



F5FFFF



BCDBDB



A1BFBF



86A4A4



6D8A8A



547070



3C5858



254041



0F2A2B



001716



000000

 BCDBDB

 BCDBDB

 A6DBDB

 D2DBDB

 90DBDB

 E8DBDB

 7ADBDB

 FEDBDB

 64DBDB

 FFDBDB

 4FDBDB

 39DBDB

 23DBDB

 0DDBDB

 00DBDB

# Harmonies

## Analogous

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



C1DBD1



BCDBDB



BEDAE4

# Triad

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



BCDBDB



DFD0E2



E1D3C1

# Complementary

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



BCDBDB



DBBCBC

# 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.



E9D0C6



BCDBDB



E8CED9

# Square

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



BCDBDB



D2D4E8



EBCECF



D7D6C2

# Rectangle

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



BCDBDB



C3D8E7



EBCECF



E4D2C2



# Sweetspot

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



BCDBDB



F5FFFF



BCDBBC



798080



000000



808080



# Same Dimension

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



BCDBDB



D4FFFF



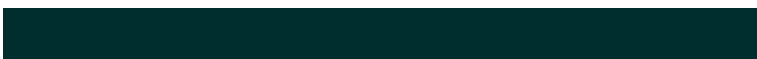
BCCADB



636E6E



00ADAD



002E2E



# Inverse Universe

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



DBBCDB



FFD4FF



DBCCBC



6E636E



AD00AD

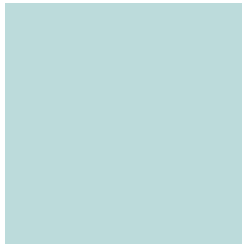


2E002E



# Previews

## White Background



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

## Color Contrast Check

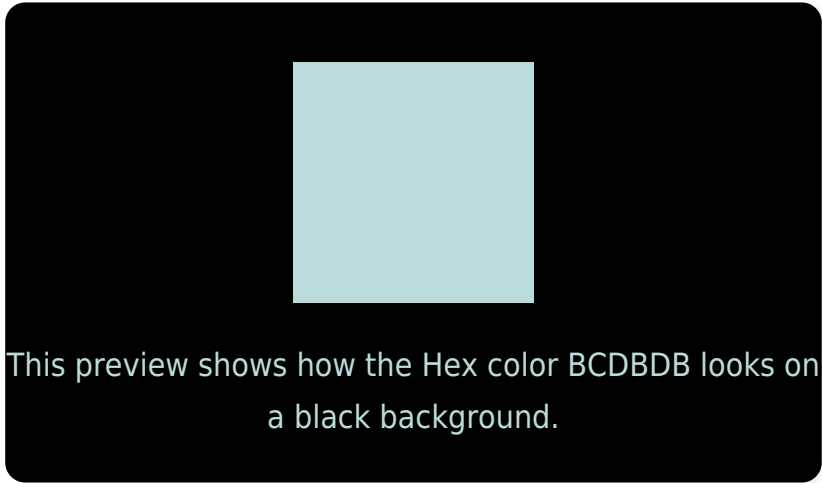
Large Text (above 18pt) WCAG AA × Fail

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

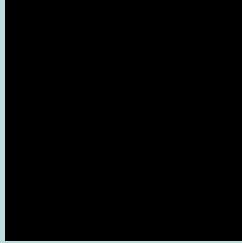
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

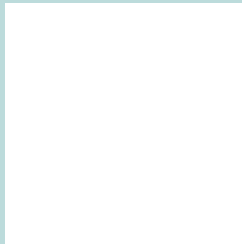
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCDBDB Background



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

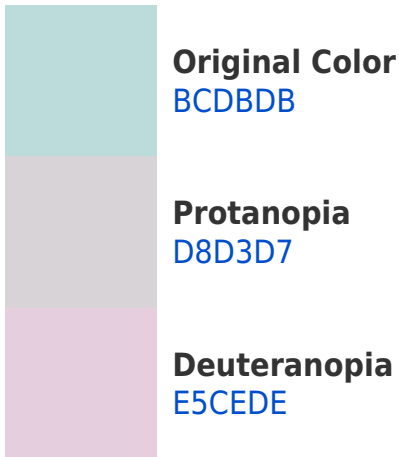


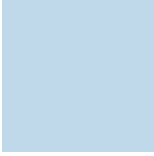
This preview shows how white text looks on a background with the Hex color BCDBDB.

# 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**  
BFD9EA

# Trichromacy



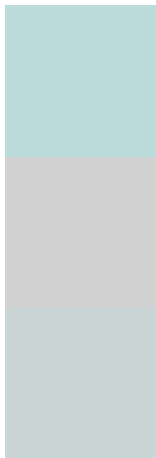
**Original Color**  
BCDBDB

**Protanomaly**  
CED6D8

**Deuteranomaly**  
D6D3DD

**Tritanomaly**  
BEDAE5

# Monochromacy



**Original Color**  
BCDBDB

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
CAD5D5

# CSS Examples

## Text

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

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

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 #BCDBDB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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