

# Converting Colors

Hex(BBCDB0)

Have a look what the booklet for  
Hex(BBCDB0) contains.

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# **Color**

**Hex(BBCDB0)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BBCDB0                      |
| RGB         | 187, 205, 176               |
| RGB Percent | 73%, 80%, 69%               |
| CMY         | 0.2667, 0.1961, 0.3098      |
| CMYK        | 0.09, 0.00, 0.14, 0.20      |
| HSL         | 97°, 22%, 75%               |
| HSV         | 97°, 14%, 80%               |
| XYZ         | 50.1613, 57.3620, 49.5025   |
| YIQ         | 196.3120, -1.4190, -12.8350 |

# Conversions

## Conversions Part 2

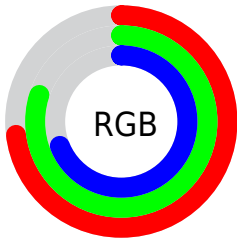
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">176, 205, 194</a>                                |
| Decimal                             | <a href="#">12307888</a>                                     |
| CIELab                              | <a href="#">80.38, -11.38, 12.39</a>                         |
| CIELCh                              | <a href="#">80, 16.825, 132.571</a>                          |
| Yxy                                 | <a href="#">57.3620, 0.3194, 0.3653</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4290497968</a><br>( <a href="#">0xFFBBCDB0</a> ) |
| YUV                                 | <a href="#">196.3120, -10.0138, -8.1666</a>                  |
| Hunter-Lab                          | <a href="#">75.7377, -14.3200, 14.2642</a>                   |

# Details

The Hex color **BBCDB0** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C2B0CD**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F3FFE8**, and **86977B** is the 20% darker color. If you saturate the color by 10%, you get **AECD9C**, and if you desaturate by 10%, it is **C8CDC5**.

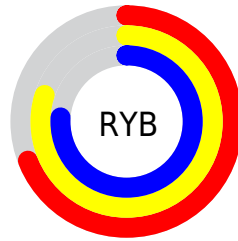
# Distribution



Red (73%)

Green (80%)

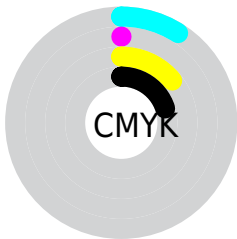
Blue (69%)



Red (69%)

Yellow (80%)

Blue (76%)

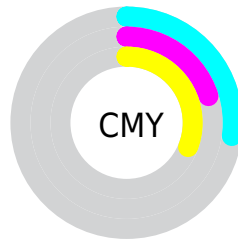


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBCDB0 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 BBCDB0 by changing the saturation by 10% instead.



 BBCDB0

FFFFFF

 F3FFE8

 BBCDB0

 A0B295

 86977B

 6C7D63

 54644B

 3D4C34

 26351F

 132007

 000300

 000000

 BBCDB0

 BBCDB0

 AECD9C

 C8CDC5

 A2CD87

 D4CDD9

 95CD73

 E1CDEE

 88CD5E

 EECDFE

 7BCD49

 FBCDFE

 6FCD35

 FFCDFE

 62CD20

 55CD0C

 4ECD00

# Harmonies

## Analogous

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



CDC8A9



BBCDB0



AAD0BD

# Triad

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



BBCDB0



ACCCE5



E9BDC1

# Complementary

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



BBCDB0



C2B0CD

# 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.



E2BED1



BBCDB0



BFC7E6

# Square

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



BBCDB0



A0CFDC



D2C1DF



E7BFB3

# Rectangle

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



BBCDB0



A2D1C8



D2C1DF



E7BDC7



# Sweetspot

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



BBCDB0



F9FFF5



CDC2B0



7C8079



000000



808080

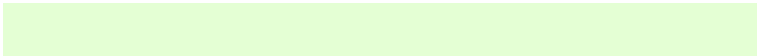


# Same Dimension

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



BBCDB0



E4FFD4



B0CDB3



60665C



3FA600



0F2600



# Inverse Universe

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



C2B0CD



EFD4FF



CDB0CA



625C66



6700A6



180026



# Previews

## White Background



This preview shows how the Hex color BBCDB0 looks on a white background.

## Color Contrast Check

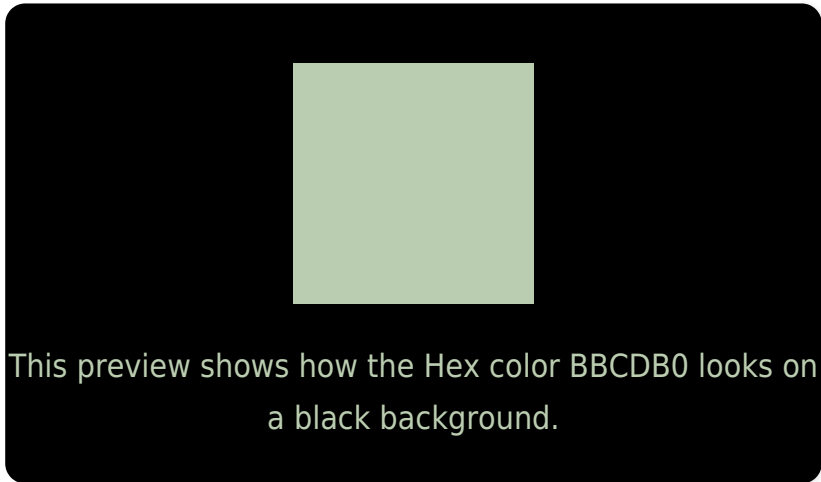
Large Text (above 18pt) WCAG AA × Fail

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

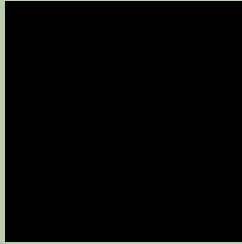
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBCDB0 Background



This preview shows how black text looks on a background with the Hex color BBCDB0.

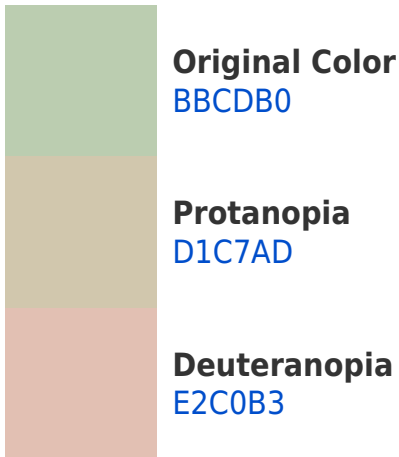


This preview shows how white text looks on a background with the Hex color BBCDB0.

# 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](#).

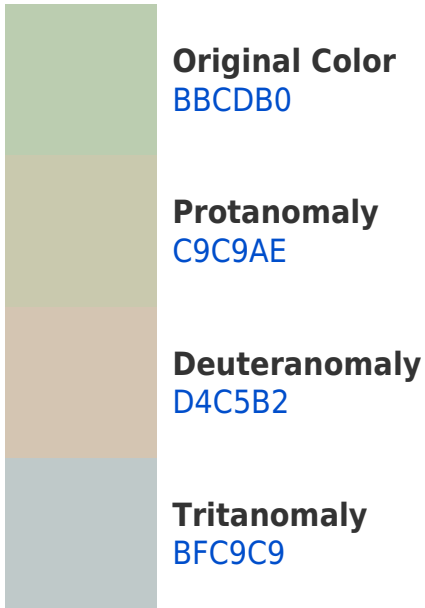
## Dichromacy





**Tritanopia**  
C1C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBCDB0 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 #BBCDB0 looks like.

```
.text, #text, p{  
    color:#BBCDB0  
}
```

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 #BBCDB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBCDB0
}
```

## Border

The CSS property to change the border of an element to Hex BBCDB0 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
#BBCDB0 }
```

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

```
.border{ border-color:#BBCDB0 }
```

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

Here you see how a box with a 4 pixel #BBCDB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBCDB0; -webkit-box-shadow:4px 4px  
4px 4px #BBCDB0; box-shadow:4px 4px 4px  
4px #BBCDB0 }
```

# Background

The CSS property to change the background color of an element to Hex BBCDB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBCDB0 }
```

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

```
.background{ background-color:#BBCDB0 }
```

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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