

# Converting Colors

Hex(BDD6D0)

Have a look what the booklet for  
Hex(BDD6D0) contains.

<b>Hex(BDD6D0)</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(BDD6D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDD6D0
RGB	189, 214, 208
RGB Percent	74%, 84%, 82%
CMY	0.2588, 0.1608, 0.1843
CMYK	0.12, 0.00, 0.03, 0.16
HSL	166°, 23%, 79%
HSV	166°, 12%, 84%
XYZ	56.4180, 63.4660, 68.9511
YIQ	205.8410, -12.9740, -7.1660

# Conversions

## Conversions Part 2

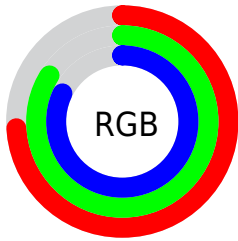
Format	Color
R <sub>Y</sub> B	189, 203, 214
Decimal	12441296
CIE Lab	83.69, -9.48, 0.13
CIE LCh	84, 9.479, 179.235
Yxy	63.4660, 0.2988, 0.3361
Android (android.graphics.Color)	4290631376 (0xFFBDD6D0)
YUV	205.8410, 1.0644, -14.7696
Hunter-Lab	79.6656, -13.0036, 4.4500

# Details

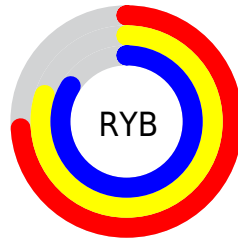
The Hex color **BDD6D0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D6BDC3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F5FFFF**, and **889F9A** is the 20% darker color. If you saturate the color by 10%, you get **A8D6CB**, and if you desaturate by 10%, it is **D2D6D5**.

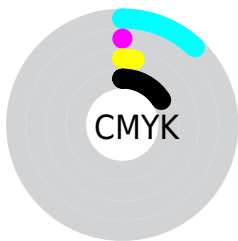
# Distribution



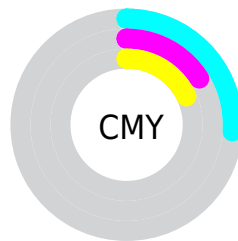
- Red (74%)
- Green (84%)
- Blue (82%)



- Red (74%)
- Yellow (80%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDD6D0 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 BDD6D0 by changing the saturation by 10% instead.



 BDD6D0

FFFFFF

 F5FFFF

 BDD6D0

 A2BAB4

 889F9A

 6E8580

 556C67

 3E544F

 283C38

 122723

 00130D

 000000

 BDD6D0

 BDD6D0

 A8D6CB

 D2D6D5

 92D6C6

 E8D6DA

 7DD6C1

 FDD6DF

 67D6BB

 FFD6E5

 52D6B6

 FFD6EA

 3DD6B1

 FFD6EF

 27D6AC

 FFD6F4

 12D6A7

 FFD6F9

 00D6A3

 FFD6FE

# Harmonies

## Analogous

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



C4D5C7



BDD6D0



BBD6D9

# Triad

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



BDD6D0



D2CEE0



E0CDC2

# Complementary

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



BDD6D0



D6BDC3

# 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.



E4CBC8



BDD6D0



DCCDA

# Square

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



BDD6D0



C7D1E2



E3CBD1



D9D0BF

# Rectangle

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



BDD6D0



BDD5DE



E3CBD1



E2CCC3



# Sweetspot

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



BDD6D0



F5FFFD



C3D6BD



79807E



000000



808080



# Same Dimension

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



BDD6D0



DBFFF6



BDD0D6



606B69



00AB82



002B21



# Inverse Universe

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



D6BDC3



FFDBE4



D6C3BD



6B6063



AB0029



2B000A



# Previews

## White Background



This preview shows how the Hex color BDD6D0 looks on a white background.

## Color Contrast Check

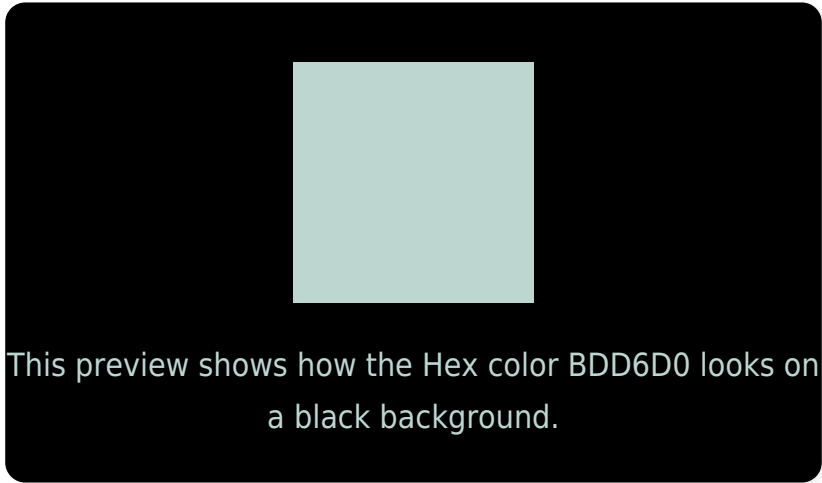
Large Text (above 18pt) WCAG AA × Fail

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

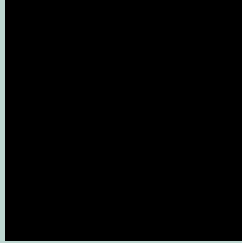
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

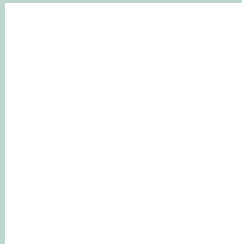
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDD6D0 Background



This preview shows how black text looks on a background with the Hex color BDD6D0.

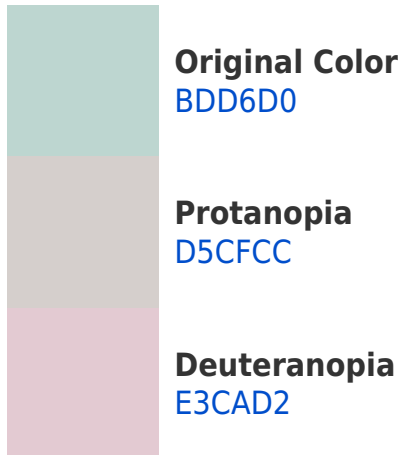


This preview shows how white text looks on a background with the Hex color BDD6D0.

# 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](#).

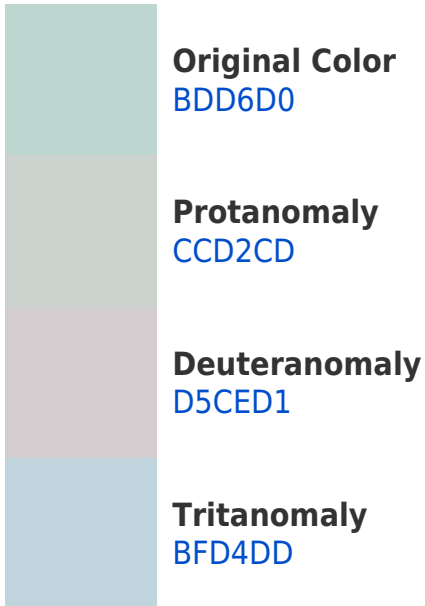
## Dichromacy



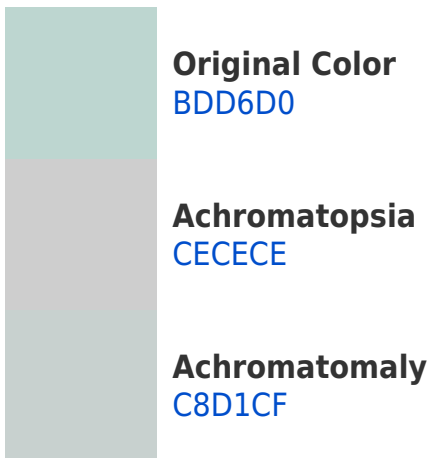


**Tritanopia**  
C0D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDD6D0 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 #BDD6D0 looks like.

```
.text, #text, p{  
    color:#BDD6D0  
}
```

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 #BDD6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDD6D0
}
```

## Border

The CSS property to change the border of an element to Hex BDD6D0 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
#BDD6D0 }
```

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

```
.border{ border-color:#BDD6D0 }
```

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

Here you see how a box with a 4 pixel `#BDD6D0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDD6D0; -webkit-box-shadow:4px 4px  
4px 4px #BDD6D0; box-shadow:4px 4px 4px  
4px #BDD6D0 }
```

# Background

The CSS property to change the background color of an element to Hex BDD6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDD6D0 }
```

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

```
.background{ background-color:#BDD6D0 }
```

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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