

# Converting Colors

Hex(BCD6D8)

Have a look what the booklet for  
Hex(BCD6D8) contains.

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# **Color**

**Hex(BCD6D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCD6D8
RGB	188, 214, 216
RGB Percent	74%, 84%, 85%
CMY	0.2627, 0.1608, 0.1529
CMYK	0.13, 0.01, 0.00, 0.15
HSL	184°, 26%, 79%
HSV	184°, 13%, 85%
XYZ	57.1803, 63.7424, 74.2555
YIQ	206.4540, -16.1380, -4.8900

# Conversions

## Conversions Part 2

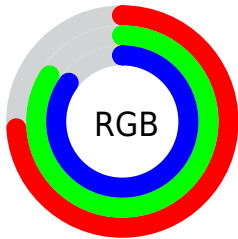
Format	Color
R <sub>YB</sub>	188, 201, 216
Decimal	12375768
CIE Lab	83.83, -8.22, -3.92
CIE LCh	84, 9.104, 205.504
Yxy	63.7424, 0.2930, 0.3266
Android (android.graphics.Color)	4290565848 (0xFFBCD6D8)
YUV	206.4540, 4.7062, -16.1842
Hunter-Lab	79.8388, -11.8769, 0.7434

# Details

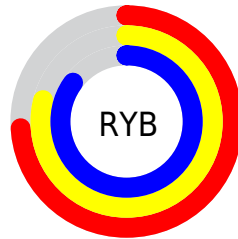
The Hex color **BCD6D8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D8BEBC**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F4FFFF**, and **869FA1** is the 20% darker color. If you saturate the color by 10%, you get **A6D4D8**, and if you desaturate by 10%, it is **D2D8D8**.

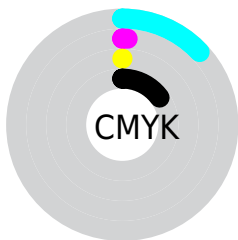
# Distribution



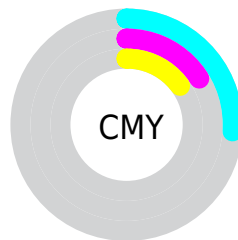
- Red (74%)
- Green (84%)
- Blue (85%)



- Red (74%)
- Yellow (79%)
- Blue (85%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (16%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD6D8 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 BCD6D8 by changing the saturation by 10% instead.



 BCD6D8

FFFFFF

 F4FFFF

 BCD6D8

 A1BABC

 869FA1

 6D8587

 546C6E

 3D5455

 263C3E

 102728

 001314

 000000

 BCD6D8

 BCD6D8

 A6D4D8

 D2D8D8

 91D3D8

 E7D9D8

 7BD1D8

 FDDBD8

 66D0D8

 FFDCD8

 50CED8

 FFDED8

 3ACDD8

 FFDFD8

 25CBD8

 FFE1D8

 0FCAD8

 FFE2D8

 00C9D8

 FFE4D8

# Harmonies

## Analogous

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



BFD6CF



BCD6D8



BFD5DF

# Triad

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



BCD6D8



DBCDD8



DAD0C0

# Complementary

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



BCD6D8



D8BEBC

# 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.



E1CDC3



BCD6D8



E2CBD3

# Square

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



BCD6D8



D1CFE0



E4CCCA



D0D3C1

# Rectangle

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



BCD6D8



C4D3E1



E4CCCA



DCCFC1



# Sweetspot

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



BCD6D8



F5FEFF



BCD8BE



797F80



000000



808080

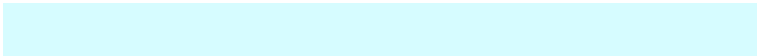


# Same Dimension

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



BCD6D8



D6FCFF



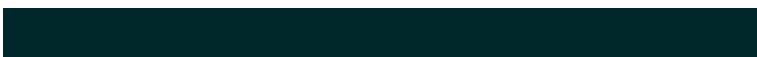
BCC8D8



606A6B



009FAB



00282B



# Inverse Universe

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



D8BCD6



FFD6FC



D8CCBC



6B606A



AB009F

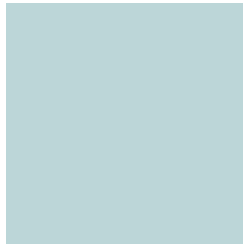


2B0028



# Previews

## White Background



This preview shows how the Hex color BCD6D8 looks on a white background.

## Color Contrast Check

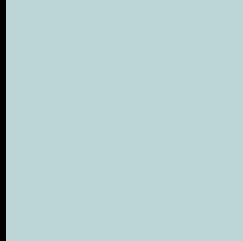
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BCD6D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

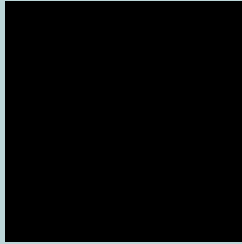
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCD6D8 Background



This preview shows how black text looks on a background with the Hex color BCD6D8.

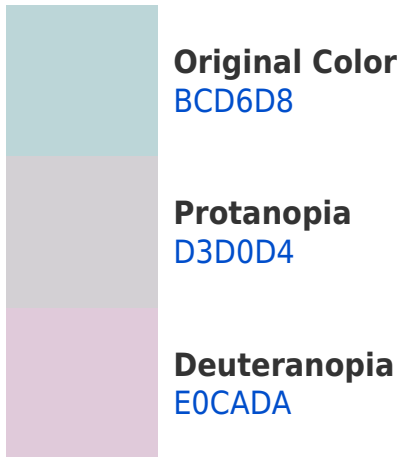


This preview shows how white text looks on a background with the Hex color BCD6D8.

# 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](#).

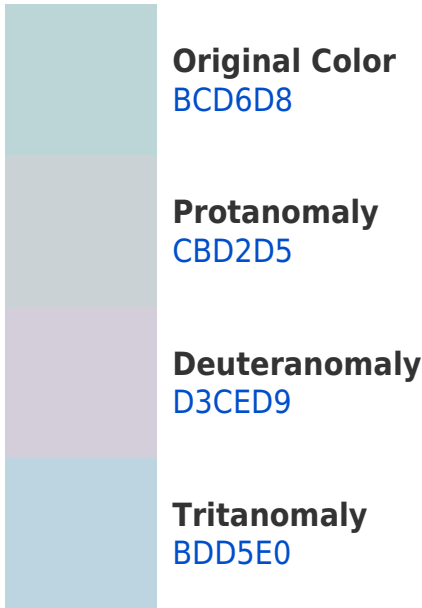
## Dichromacy



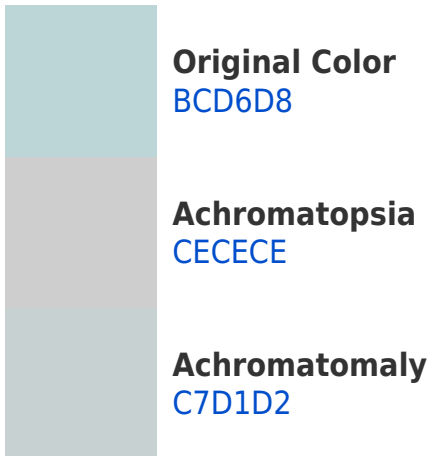


**Tritanopia**  
BED4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD6D8 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 #BCD6D8 looks like.

```
.text, #text, p{  
    color:#BCD6D8  
}
```

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 #BCD6D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD6D8
}
```

## Border

The CSS property to change the border of an element to Hex BCD6D8 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
#BCD6D8 }
```

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

```
.border{ border-color:#BCD6D8 }
```

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

Here you see how a box with a 4 pixel #BCD6D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD6D8; -webkit-box-shadow:4px 4px  
4px 4px #BCD6D8; box-shadow:4px 4px 4px  
4px #BCD6D8 }
```

# Background

The CSS property to change the background color of an element to Hex BCD6D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD6D8 }
```

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

```
.background{ background-color:#BCD6D8 }
```

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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