

# Converting Colors

Hex(BBD6CC)

Have a look what the booklet for  
Hex(BBD6CC) contains.

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# Color

**Hex(BBD6CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBD6CC
RGB	187, 214, 204
RGB Percent	73%, 84%, 80%
CMY	0.2667, 0.1608, 0.2000
CMYK	0.13, 0.00, 0.05, 0.16
HSL	158°, 25%, 79%
HSV	158°, 13%, 84%
XYZ	55.4392, 63.0176, 66.3684
YIQ	204.7870, -12.8820, -8.8340

# Conversions

## Conversions Part 2

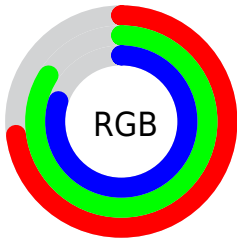
Format	Color
R <sub>YB</sub>	187, 204, 214
Decimal	12310220
CIE Lab	83.45, -10.91, 1.89
CIE LCh	83, 11.071, 170.157
Yxy	63.0176, 0.3000, 0.3410
Android (android.graphics.Color)	4290500300 (0xFFBBD6CC)
YUV	204.7870, -0.3880, -15.5992
Hunter-Lab	79.3836, -14.2622, 5.9993

# Details

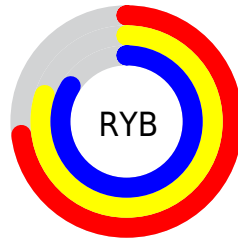
The Hex color **BBD6CC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D6BBC5**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F3FFFF**, and **869F96** is the 20% darker color. If you saturate the color by 10%, you get **A6D6C4**, and if you desaturate by 10%, it is **D0D6D4**.

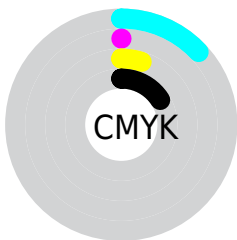
# Distribution



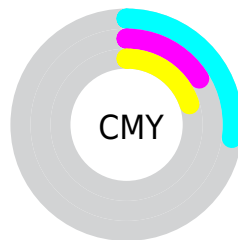
- Red (73%)
- Green (84%)
- Blue (80%)



- Red (73%)
- Yellow (80%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBD6CC 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 BBD6CC by changing the saturation by 10% instead.



 BBD6CC

FFFFFF

 F3FFFF

 BBD6CC

 A0BAB1


 869F96

 6C857C

 546C63

 3C544B

 263C35

 112720

 001307

 000000

 BBD6CC

 BBD6CC

 A6D6C4

 D0D6D4

 90D6BC

 E6D6DC

 7BD6B4

 FBD6E4

 65D6AC

 FFD6EC

 50D6A4

 FFD6F4

 3BD69C

 FFD6FC

 25D695

 FFD6FF

 10D68D

 00D687

# Harmonies

## Analogous

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



C5D4C2



BBD6CC



B6D6D7

# Triad

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



BBD6CC



CECEE3



E4CBC0

# Complementary

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



BBD6CC



D6BBC5

# 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.



E7C9C9



BBD6CC



DACBDD

# Square

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



BBD6CC



C1D2E4



E3C9D4



DCCEBC

# Rectangle

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



BBD6CC



B7D5DD



E3C9D4



E6CAC3



# Sweetspot

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



BBD6CC



F5FFFB



C5D6BB



79807D



000000



808080

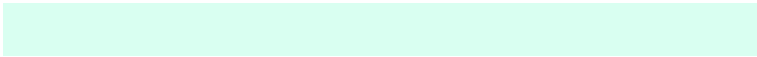


# Same Dimension

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



BBD6CC



D9FFF1



BBD3D6



606B67



00AB6C



002B1B



# Inverse Universe

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



D6BBC5



FFD9E7



D6BEBB



6B6064



AB003F



2B0010



# Previews

## White Background



This preview shows how the Hex color BBD6CC looks on a white background.

## Color Contrast Check

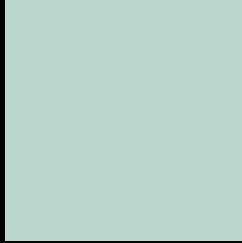
Large Text (above 18pt) WCAG AA × Fail

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 BBD6CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

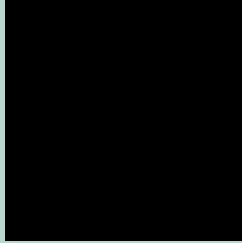
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

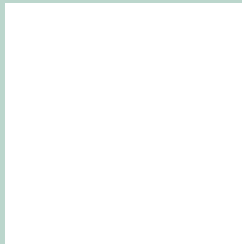
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBD6CC Background



This preview shows how black text looks on a background with the Hex color BBD6CC.

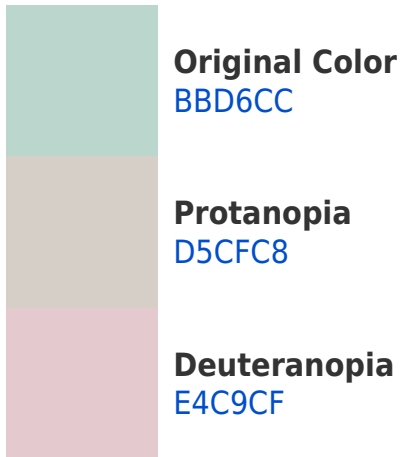


This preview shows how white text looks on a background with the Hex color BBD6CC.

# 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](#).

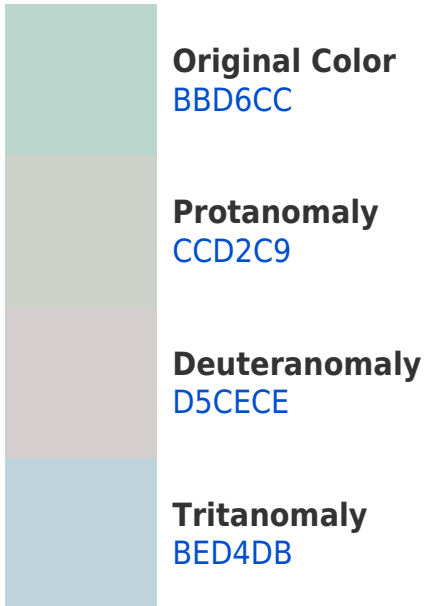
## Dichromacy



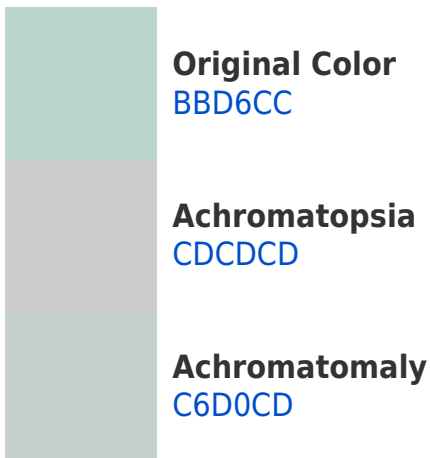


**Tritanopia**  
BFD3E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBD6CC 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 #BBD6CC looks like.

```
.text, #text, p{  
  color:#BBD6CC  
}
```

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 #BBD6CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD6CC  
}
```

## Border

The CSS property to change the border of an element to Hex BBD6CC 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  
#BBD6CC }
```

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

```
.border{ border-color:#BBD6CC }
```

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

Here you see how a box with a 4 pixel #BBD6CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD6CC; -webkit-box-shadow:4px 4px  
4px 4px #BBD6CC; box-shadow:4px 4px 4px  
4px #BBD6CC }
```

# Background

The CSS property to change the background color of an element to Hex BBD6CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD6CC }
```

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

```
.background{ background-color:#BBD6CC }
```

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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