

# Converting Colors

Hex(BBC4DD)

Have a look what the booklet for  
Hex(BBC4DD) contains.

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# **Color**

**Hex(BBC4DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC4DD
RGB	187, 196, 221
RGB Percent	73%, 77%, 87%
CMY	0.2667, 0.2314, 0.1333
CMYK	0.15, 0.11, 0.00, 0.13
HSL	224°, 33%, 80%
HSV	224°, 15%, 87%
XYZ	53.2846, 55.2651, 76.2654
YIQ	196.1590, -13.3890, 5.8670

# Conversions

## Conversions Part 2

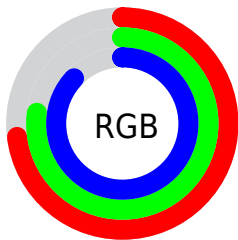
Format	Color
<a href="#">RYB</a>	<a href="#">187, 194, 221</a>
Decimal	<a href="#">12305629</a>
CIELab	<a href="#">79.19, 1.96, -13.49</a>
CIELCh	<a href="#">79, 13.632, 278.271</a>
Yxy	<a href="#">55.2651, 0.2883, 0.2990</a>
Android (android.graphics.Color)	<a href="#">4290495709 (0xFFBBC4DD)</a>
YUV	<a href="#">196.1590, 12.2466, -8.0324</a>
Hunter-Lab	<a href="#">74.3405, -2.1535, -8.7869</a>

# Details

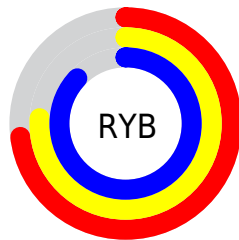
The Hex color **BBC4DD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DDD4BB**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F3FDFF**, and **868EA6** is the 20% darker color. If you saturate the color by 10%, you get **A5B4DD**, and if you desaturate by 10%, it is **D1D4DD**.

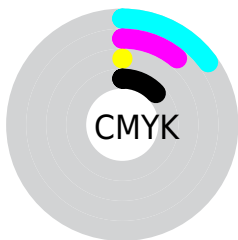
# Distribution



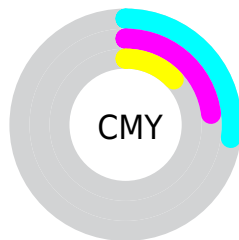
- Red (73%)
- Green (77%)
- Blue (87%)



- Red (73%)
- Yellow (76%)
- Blue (87%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (23%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC4DD 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 BBC4DD by changing the saturation by 10% instead.



 BBC4DD

 BBC4DD

FFFFFF

 A0A9C1

 F3FDFD

 868EA6

 6C758C

 535C72

 3C4559

 252F42

 101A2C

 000118

 000000

 BBC4DD

 BBC4DD

 A5B4DD

 D1D4DD

 8FA4DD

 E7E4DD

 7993DD

 FDF5DD

 6383DD

 FFFFDD

 4D73DD

 3663DD

 2052DD

 0A42DD

 003BDD

# Harmonies

## Analogous

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



ADC8DB



BBC4DD



CBC0D8

# Triad

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



BBC4DD



DEBDB5



AFCBBA

# Complementary

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



BBC4DD



DDD4BB

# 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.



BCC8B0



BBC4DD



D7C0AD

# Square

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



BBC4DD



DFBCC1



CBC4AB



A6CCC7

# Rectangle

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



BBC4DD



D4BDD2



CBC4AB



B3CAB6



# Sweetspot

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



BBC4DD



F2F6FF



BBDDD4



787A80



000000



808080



# Same Dimension

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



BBC4DD



D1DDFF



C3BBDD



63666E



002EAD



000C2E



# Inverse Universe

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



DDBBC4



FFD1DD



D5DDBB



6E6366



AD002E

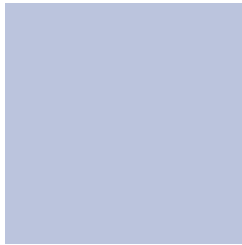


2E000C



# Previews

## White Background



This preview shows how the Hex color BBC4DD looks on a white background.

## Color Contrast Check

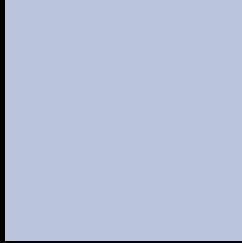
Large Text (above 18pt) WCAG AA × Fail

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 BBC4DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

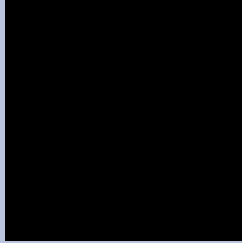
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBC4DD Background



This preview shows how black text looks on a background with the Hex color BBC4DD.

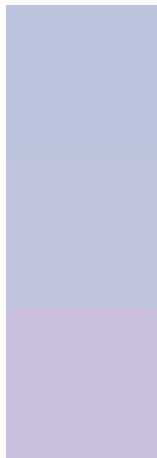


This preview shows how white text looks on a background with the Hex color BBC4DD.

# 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



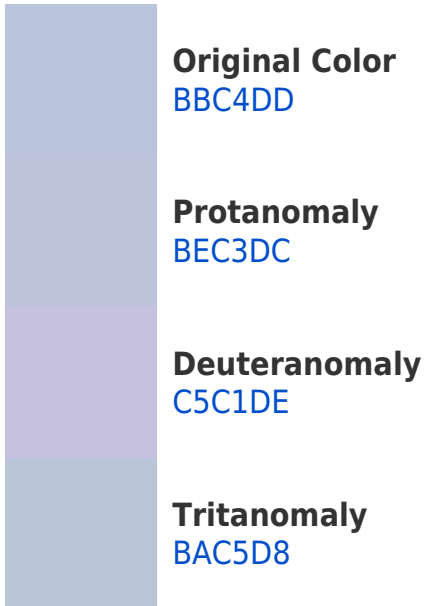
**Original Color**  
BBC4DD

**Protanopia**  
C0C3DC

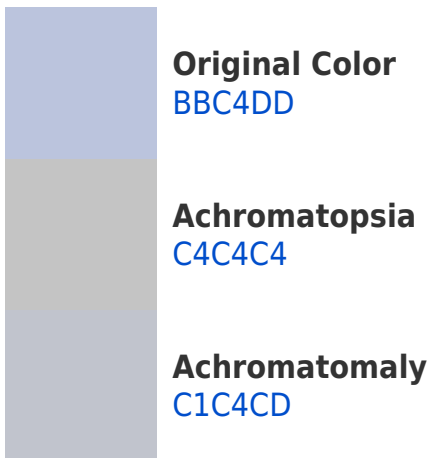
**Deuteranopia**  
CBBFDE



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC4DD 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 #BBC4DD looks like.

```
.text, #text, p{  
    color:#BBC4DD  
}
```

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 #BBC4DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC4DD
}
```

## Border

The CSS property to change the border of an element to Hex BBC4DD 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
#BBC4DD }
```

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

```
.border{ border-color:#BBC4DD }
```

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

Here you see how a box with a 4 pixel #BBC4DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC4DD; -webkit-box-shadow:4px 4px  
4px 4px #BBC4DD; box-shadow:4px 4px 4px  
4px #BBC4DD }
```

# Background

The CSS property to change the background color of an element to Hex BBC4DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC4DD }
```

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

```
.background{ background-color:#BBC4DD }
```

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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