

# Converting Colors

Hex(BCCCDD)

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

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# **Color**

**Hex(BCCCDD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCCCDD
RGB	188, 204, 221
RGB Percent	74%, 80%, 87%
CMY	0.2627, 0.2000, 0.1333
CMYK	0.15, 0.08, 0.00, 0.13
HSL	211°, 33%, 80%
HSV	211°, 15%, 87%
XYZ	55.3830, 59.0976, 76.8946
YIQ	201.1540, -14.9930, 1.8950

# Conversions

## Conversions Part 2

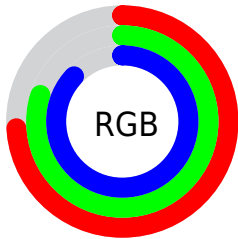
Format	Color
<a href="#">RYB</a>	<a href="#">188, 199, 221</a>
Decimal	<a href="#">12373213</a>
CIELab	<a href="#">81.35, -1.97, -10.27</a>
CIElCh	<a href="#">81, 10.455, 259.140</a>
Yxy	<a href="#">59.0976, 0.2894, 0.3088</a>
Android (android.graphics.Color)	<a href="#">4290563293 (0xFFBCCCDD)</a>
YUV	<a href="#">201.1540, 9.7841, -11.5361</a>
Hunter-Lab	<a href="#">76.8749, -5.9343, -5.4927</a>

# Details

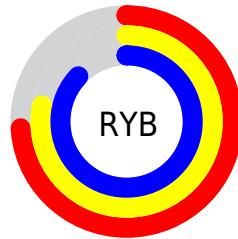
The Hex color **BCCCDD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DDCDBC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F4FFFF**, and **8696A6** is the 20% darker color. If you saturate the color by 10%, you get **A6C1DD**, and if you desaturate by 10%, it is **D2D7DD**.

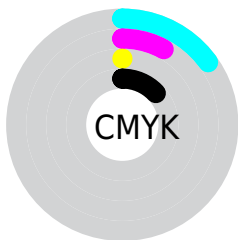
# Distribution



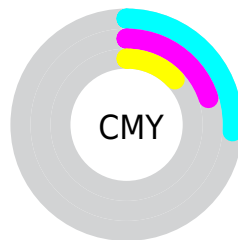
- Red (74%)
- Green (80%)
- Blue (87%)



- Red (74%)
- Yellow (78%)
- Blue (87%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (20%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 BCCCCDD

 BCCCCDD

FFFFFFF

 A1B1C1

 F4FFFF

 8696A6

 6D7C8C

 546372

 3D4B5A

 263542

 10202C

 000718

 000000

 BCCCDD

 BCCCDD

 A6C1DD

 D2D7DD

 90B5DD

 E8E3DD

 7AAADD

 FEEEDD

 649EDD

 FFFADD

 4E93DD

 FFFFDD

 3788DD

 217CDD

 0B71DD

 006BDD

# Harmonies

## Analogous

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



B4CFD8



BCCDD



C8C9DC

# Triad

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



BCCCDD



E0C4C4



C0CEBD

# Complementary

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



BCCCDD



DDCDBC

# 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.



CBCBB8



BCCDD



DDC5BC

# Square

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



BCCCDD



DCC4CE



D6C8B7



B7D0C6

# Rectangle

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



BCCCDD



D0C7D9



D6C8B7



C4CDBB

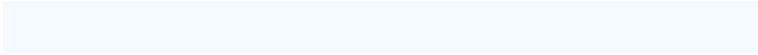


# Sweetspot

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



BCCCDD



F5FAFF



BCDDCD



797C80



000000



808080

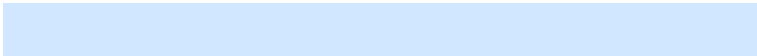


# Same Dimension

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



BCCDD



D1E7FF



BCBCDD



63686E



0054AD



00162E



# Inverse Universe

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



DDBCCC



FFD1E7



DDDDBC



6E6368



AD0054

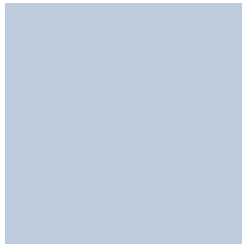


2E0016



# Previews

## White Background



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

## Color Contrast Check

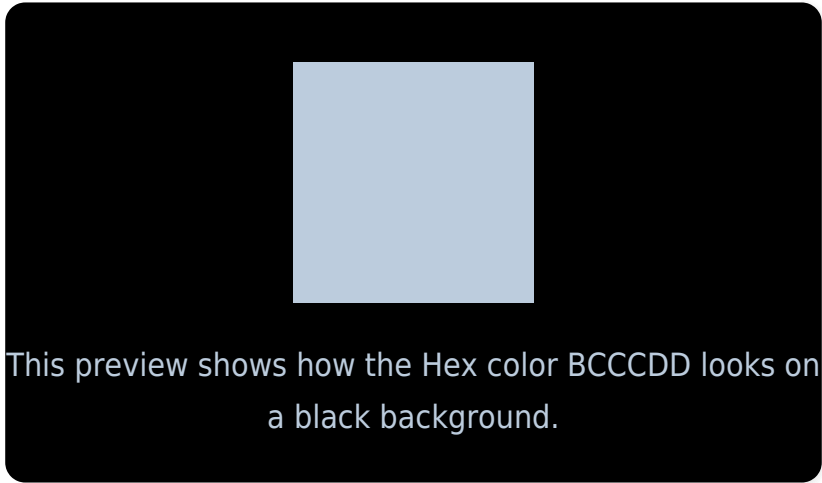
Large Text (above 18pt) WCAG AA × Fail

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

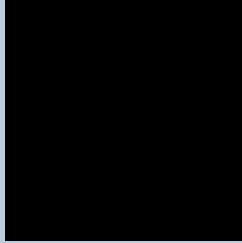
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

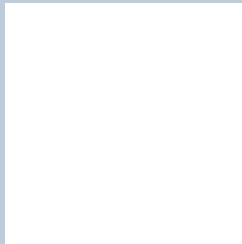
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCCCDD Background



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

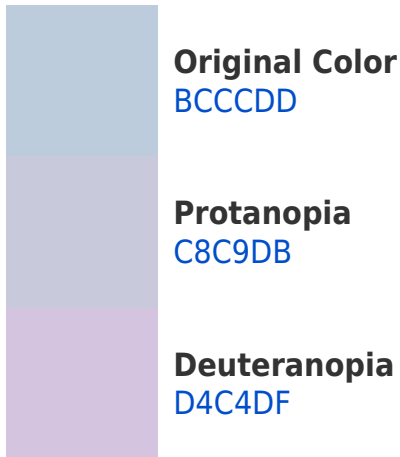


This preview shows how white text looks on a background with the Hex color BCCCDD.

# Color Blindness Simulation

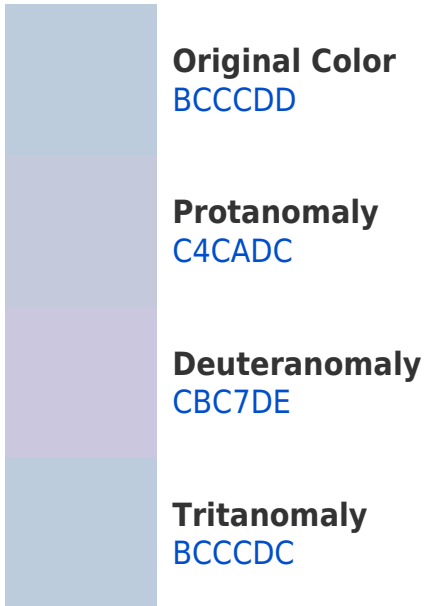
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

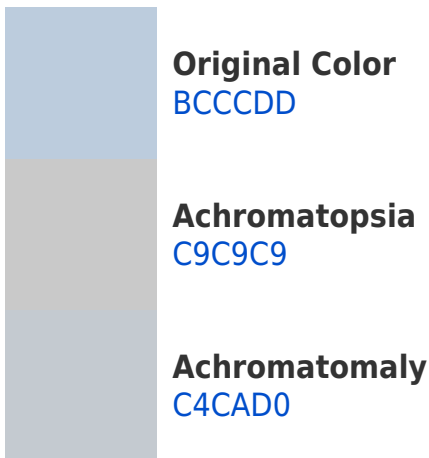




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BCCCDD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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