

# Converting Colors

Hex(BBC6DD)

Have a look what the booklet for  
Hex(BBC6DD) contains.

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# **Color**

**Hex(BBC6DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC6DD
RGB	187, 198, 221
RGB Percent	73%, 78%, 87%
CMY	0.2667, 0.2235, 0.1333
CMYK	0.15, 0.10, 0.00, 0.13
HSL	221°, 33%, 80%
HSV	221°, 15%, 87%
XYZ	53.7387, 56.1734, 76.4168
YIQ	197.3330, -13.9390, 4.8210

# Conversions

## Conversions Part 2

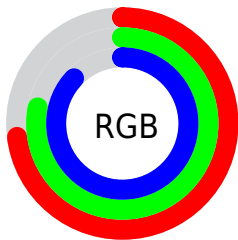
Format	Color
<a href="#">RYB</a>	<a href="#">187, 195, 221</a>
Decimal	<a href="#">12306141</a>
CIELab	<a href="#">79.71, 0.89, -12.71</a>
CIELCh	<a href="#">80, 12.745, 274.019</a>
Yxy	<a href="#">56.1734, 0.2884, 0.3015</a>
Android (android.graphics.Color)	<a href="#">4290496221</a> ( <a href="#">0xFFBBC6DD</a> )
YUV	<a href="#">197.3330, 11.6678, -9.0620</a>
Hunter-Lab	<a href="#">74.9489, -3.1753, -7.9870</a>

# Details

The Hex color **BBC6DD** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DDD2BB**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **F3FFFF**, and **8690A6** is the 20% darker color. If you saturate the color by 10%, you get **A5B7DD**, and if you desaturate by 10%, it is **D1D5DD**.

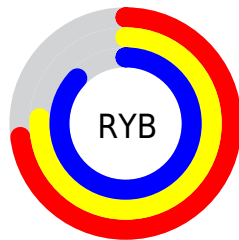
# Distribution



Red (73%)

Green (78%)

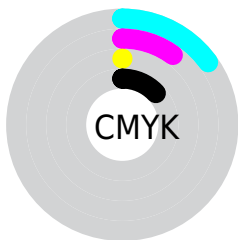
Blue (87%)



Red (73%)

Yellow (76%)

Blue (87%)

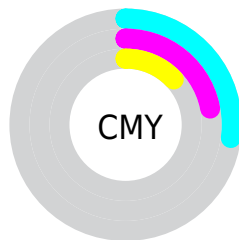


Cyan (15%)

Magenta (10%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (22%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC6DD 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 BBC6DD by changing the saturation by 10% instead.



 BBC6DD

 BBC6DD

FFFFFF

 A0ABC1

 F3FFFF

 8690A6

 6C778C

 535E72

 3C465A

 253042

 101B2C

 000118

 000000

 BBC6DD

 BBC6DD

 A5B7DD

 D1D5DD

 8FA8DD

 E7E4DD

 7999DD

 FDF3DD

 638ADD

 FFFFDD

 4D7BDD

 366CDD

 205DDD

 0A4EDD

 0048DD

# Harmonies

## Analogous

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



AECADA



BBC6DD



CAC2D9

# Triad

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



BBC6DD



DFBEB9



B3CCBB

# Complementary

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



BBC6DD



DDD2BB

# 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.



C0C9B2



BBC6DD



D9C1B1

# Square

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



BBC6DD



DEBEC4



CEC5AE



AACDC7

# Rectangle

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



BBC6DD



D3C0D4



CEC5AE



B7CBB7



# Sweetspot

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



BBC6DD



F2F6FF



BBDDD2



787A80



000000



808080



# Same Dimension

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



BBC6DD



D1E0FF



C1BBDD



63666E



0038AD



000F2E



# Inverse Universe

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



DDBBC6



FFD1E0



D7DDBB



6E6366



AD0038

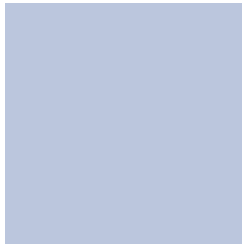


2E000F



# Previews

## White Background



This preview shows how the Hex color BBC6DD looks on a white background.

## Color Contrast Check

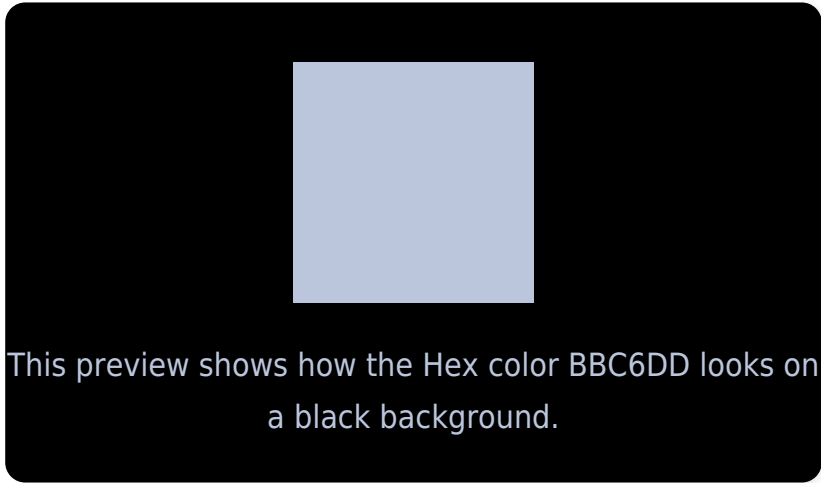
Large Text (above 18pt) WCAG AA × Fail

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

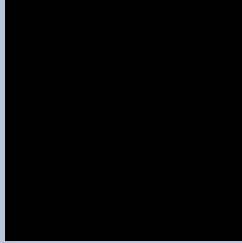
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBC6DD Background



This preview shows how black text looks on a background with the Hex color BBC6DD.

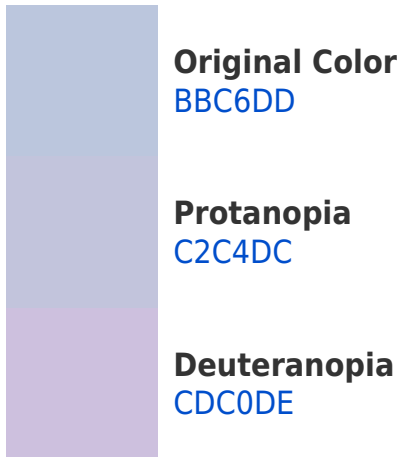


This preview shows how white text looks on a background with the Hex color BBC6DD.

# Color Blindness Simulation

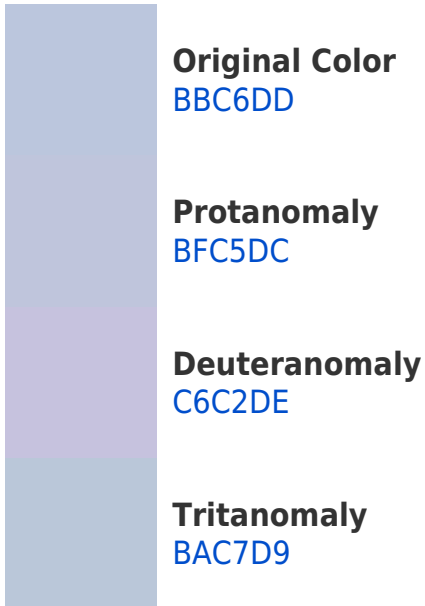
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

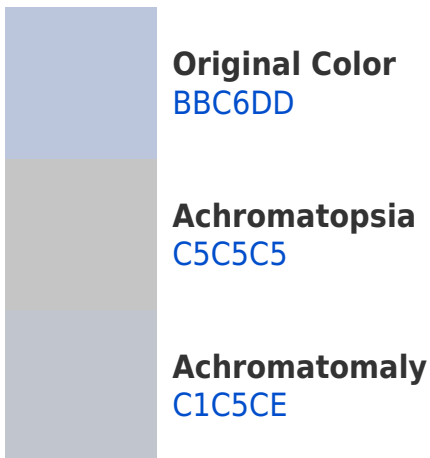




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC6DD 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 #BBC6DD looks like.

```
.text, #text, p{  
    color:#BBC6DD  
}
```

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 #BBC6DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC6DD }  
}
```

## Border

The CSS property to change the border of an element to Hex BBC6DD 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 #BBC6DD }  
}
```

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

```
.border{ border-color:#BBC6DD }
```

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

Here you see how a box with a 4 pixel #BBC6DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC6DD; -webkit-box-shadow:4px 4px  
4px 4px #BBC6DD; box-shadow:4px 4px 4px  
4px #BBC6DD }
```

# Background

The CSS property to change the background color of an element to Hex BBC6DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC6DD }
```

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

```
.background{ background-color:#BBC6DD }
```

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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