

# Converting Colors

Hex(BBBCED)

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

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# **Color**

**Hex(BBBCED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBBCED
RGB	187, 188, 237
RGB Percent	73%, 74%, 93%
CMY	0.2667, 0.2627, 0.0706
CMYK	0.21, 0.21, 0.00, 0.07
HSL	239°, 58%, 83%
HSV	239°, 21%, 93%
XYZ	53.7628, 52.6457, 87.4488
YIQ	193.2870, -16.3250, 15.0270

# Conversions

## Conversions Part 2

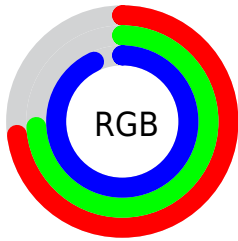
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 188, 237
Decimal	12303597
CIELab	77.67, 9.78, -24.41
CIELCh	78, 26.300, 291.827
Yxy	52.6457, 0.2773, 0.2716
Android (android.graphics.Color)	4290493677 (0xFFBBBCED)
YUV	193.2870, 21.5505, -5.5137
Hunter-Lab	72.5573, 5.2878, -20.6684

# Details

The Hex color **BBBCED** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EDECBB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **F4F4FF**, and **8587B5** is the 20% darker color. If you saturate the color by 10%, you get **A3A5ED**, and if you desaturate by 10%, it is **D3D3ED**.

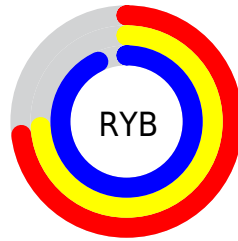
# Distribution



Red (73%)

Green (74%)

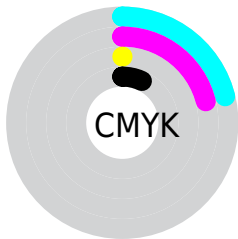
Blue (93%)



Red (73%)

Yellow (74%)

Blue (93%)

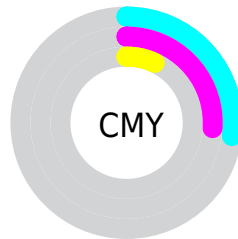


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (26%)

Yellow (7%)

# Brightness & Saturation Gradients

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



■ BBBCED

FFFFFF

■ F4F4FF

■ BBBCED

■ A0A1D1

■ 8587B5

■ 6B6E9A

■ 525580

■ 3A3E67

■ 22284F

■ 081437

■ 000222

■ 000008

 BBBCED

 BBBCED

 A3A5ED

 D3D3ED

 8C8EED

 EAEAED

 7476ED

 FFFFED

 5C5FED

 4448ED

 2D31ED

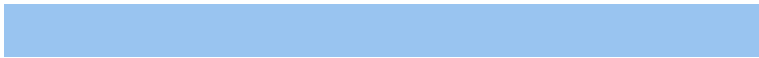
 1519ED

 0005ED

# Harmonies

## Analogous

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



99C4F0



BBBCED



D9B4DE

# Triad

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



BBBCED



EAB49B



89CDB8

# Complementary

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



BBBCED



EDECBB

# 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.



A3CAA1



BBBCED



D8BC90

# Square

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



BBBCED



F2AFAF



BFC492



7ACDD1

# Rectangle

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



BBBCED



E7B0D0



BFC492



91CDB0



# Sweetspot

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



BBBCED



F0F0FF



BBEDED



777780



000000



808080



# Same Dimension

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



BBBCED



BFC1FF



D2BBED



6A6A75



0004B5



000136



# Inverse Universe

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



EDBBCC



FFBFC1



D6EDBB



756A6A



B50004

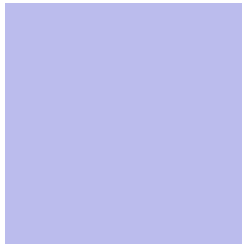


360001



# Previews

## White Background



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

## Color Contrast Check

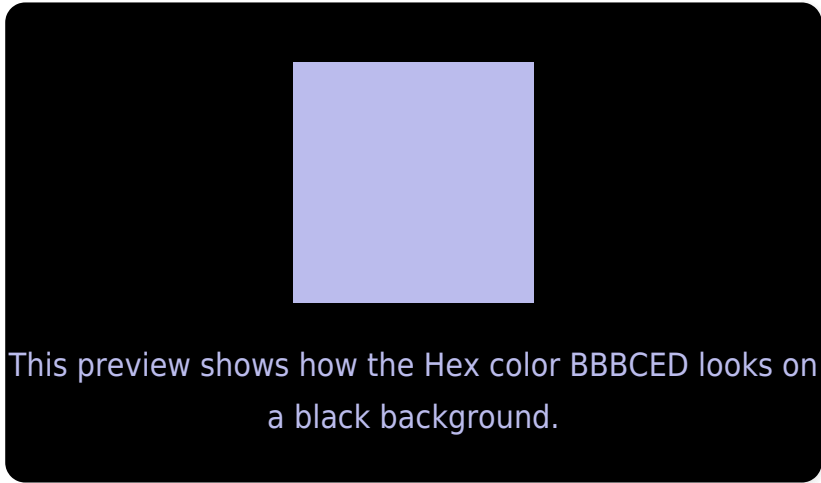
Large Text (above 18pt) WCAG AA × Fail

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 BBBCED Background



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



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

# 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**  
BBBCED

**Protanopia**  
B4BEEE

**Deuteranopia**  
BBBCED

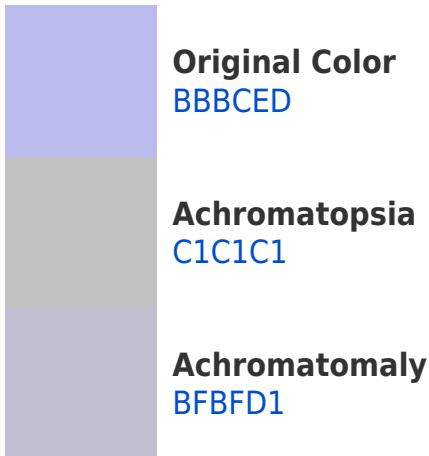


**Tritanopia**  
B6C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #BBBCED colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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