

# Converting Colors

Hex(BBD0EB)

Have a look what the booklet for  
Hex(BBD0EB) contains.

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# **Color**

**Hex(BBD0EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<b>BBD0EB</b>
RGB	187, 208, 235
RGB Percent	73%, 82%, 92%
CMY	0.2667, 0.1843, 0.0784
CMYK	0.20, 0.11, 0.00, 0.08
HSL	214°, 55%, 83%
HSV	214°, 20%, 92%
XYZ	58.0448, 61.6747, 87.4424
YIQ	204.7990, -21.1830, 3.9450

# Conversions

## Conversions Part 2

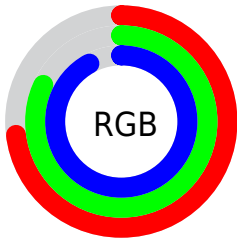
Format	Color
R <sub>Y</sub> B	187, 202, 235
Decimal	12308715
CIE Lab	82.74, -1.40, -15.66
CIE LCh	83, 15.723, 264.904
Yxy	61.6747, 0.2802, 0.2977
Android (android.graphics.Color)	4290498795 (0xFFBBD0EB)
YUV	204.7990, 14.8891, -15.6097
Hunter-Lab	78.5332, -5.5019, -11.0428

# Details

The Hex color **BBD0EB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EBD6BB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F4FFFF**, and **859AB3** is the 20% darker color. If you saturate the color by 10%, you get **A4C3EB**, and if you desaturate by 10%, it is **D3DDEB**.

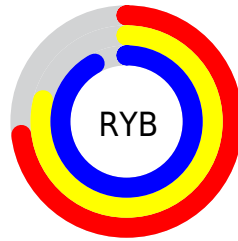
# Distribution



Red (73%)

Green (82%)

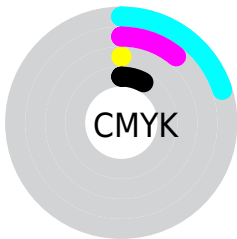
Blue (92%)



Red (73%)

Yellow (79%)

Blue (92%)

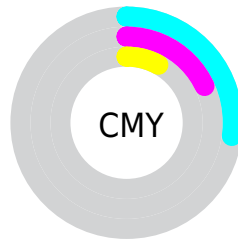


Cyan (20%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (18%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBD0EB 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 BBD0EB by changing the saturation by 10% instead.



 BBD0EB

 BBD0EB

FFFFFF

 A0B4CF

 F4FFFF

 859AB3

 6B8098

 52677E

 3A4F65

 23384D

 0A2337

 000D21

 000008

 BBD0EB

 BBD0EB

 A4C3EB

 D3DDEB

 8CB6EB

 EAEAEB

 75A8EB

 FFF8EB

 5D9BEB

 FFFFEB

 468EEB

 2E81EB

 1773EB

 0067EB

# Harmonies

## Analogous

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



ADD4E6



BBD0EB



CECBE9

# Triad

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



BBD0EB



EEC4C2



BCD5BD

# Complementary

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



**BBD0EB**



**EBD6BB**

# 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.



CCD1B3



BBD0EB



E8C7B6

# Square

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



BBD0EB



EAC4D1



DDCCB1



AED7CB

# Rectangle

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



BBD0EB



DAC8E3



DDCCB1



C1D4B9

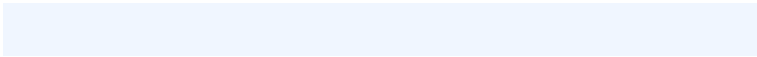


# Sweetspot

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



BBD0EB



F0F6FF



BBEBD5



777A80



000000



808080

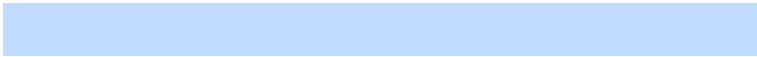


# Same Dimension

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



BBD0EB



BFDBFF



BDBBEB



6A6F75



004FB5



001736



# Inverse Universe

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



EBBBD0



FFBFDB



E9EBBB



756A6F



B5004F

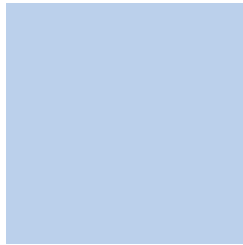


360017



# Previews

## White Background



This preview shows how the Hex color BBD0EB looks on a white background.

## Color Contrast Check

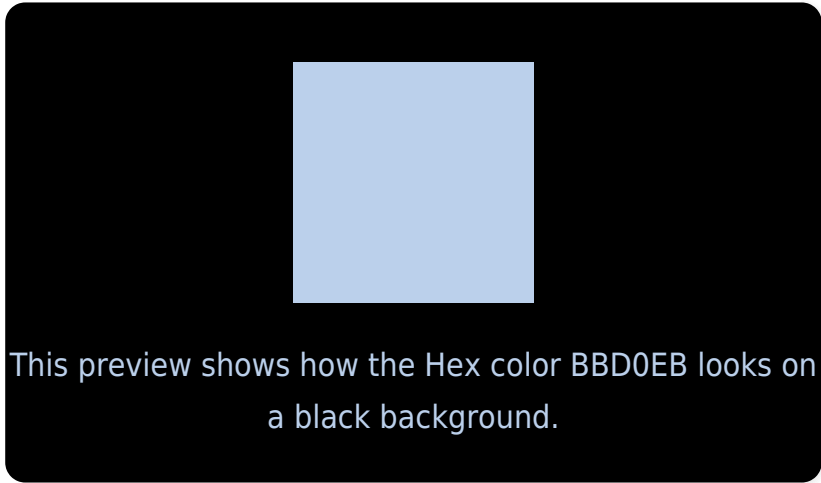
Large Text (above 18pt) WCAG AA × Fail

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

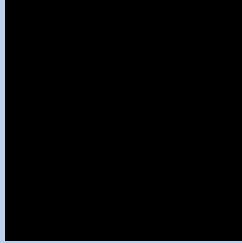
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

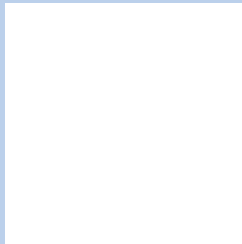
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBD0EB Background



This preview shows how black text looks on a background with the Hex color BBD0EB.

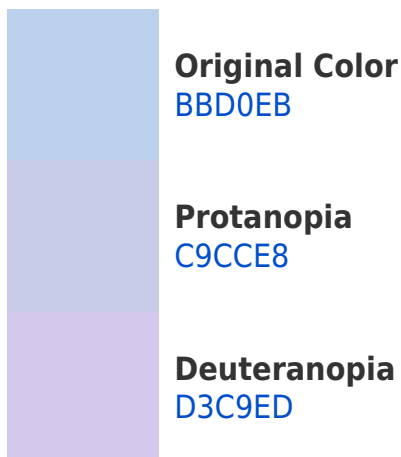


This preview shows how white text looks on a background with the Hex color BBD0EB.

# 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](#).

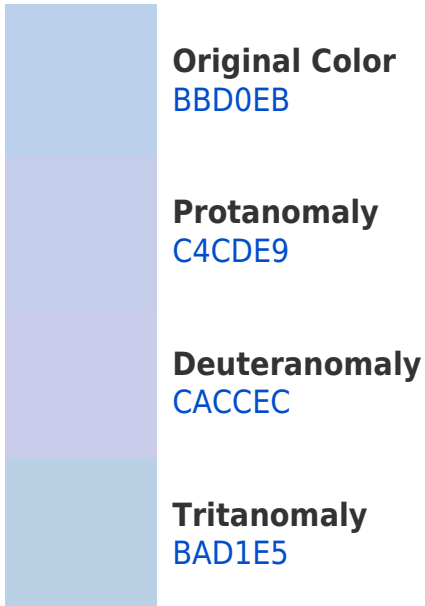
## Dichromacy



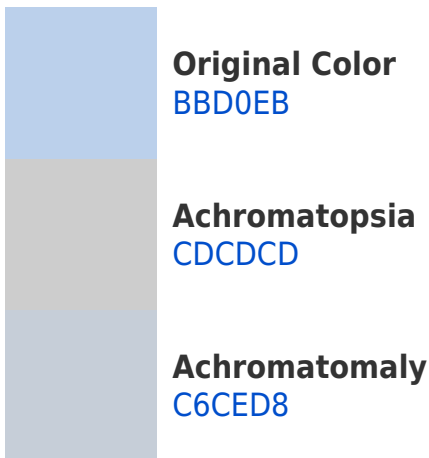


**Tritanopia**  
B9D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBD0EB 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 #BBD0EB looks like.

```
.text, #text, p{  
    color:#BBD0EB  
}
```

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 #BBD0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD0EB
}
```

## Border

The CSS property to change the border of an element to Hex BBD0EB 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
#BBD0EB }
```

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

```
.border{ border-color:#BBD0EB }
```

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

Here you see how a box with a 4 pixel #BBD0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD0EB; -webkit-box-shadow:4px 4px  
4px 4px #BBD0EB; box-shadow:4px 4px 4px  
4px #BBD0EB }
```

# Background

The CSS property to change the background color of an element to Hex BBD0EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD0EB }
```

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

```
.background{ background-color:#BBD0EB }
```

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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