

# Converting Colors

Hex(BBD6EB)

Have a look what the booklet for  
Hex(BBD6EB) contains.

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# **Color**

**Hex(BBD6EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BBD6EB</a>
RGB	<a href="#">187, 214, 235</a>
RGB Percent	<a href="#">73%, 84%, 92%</a>
CMY	<a href="#">0.2667, 0.1608, 0.0784</a>
CMYK	<a href="#">0.20, 0.09, 0.00, 0.08</a>
HSL	<a href="#">206°, 55%, 83%</a>
HSV	<a href="#">206°, 20%, 92%</a>
XYZ	<a href="#">59.5355, 64.6561, 87.9393</a>
YIQ	<a href="#">208.3210, -22.8330, 0.8070</a>

# Conversions

## Conversions Part 2

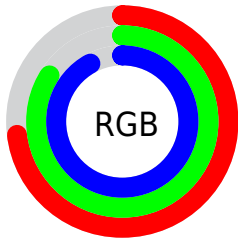
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 204, 235
Decimal	12310251
CIELab	84.31, -4.55, -13.31
CIElCh	84, 14.067, 251.144
Yxy	64.6561, 0.2807, 0.3048
Android (android.graphics.Color)	4290500331 (0xFFBBD6EB)
YUV	208.3210, 13.1527, -18.6985
Hunter-Lab	80.4090, -8.5529, -8.5562

# Details

The Hex color **BBD6EB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EBD0BB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F4FFFF**, and **859FB3** is the 20% darker color. If you saturate the color by 10%, you get **A4CCEB**, and if you desaturate by 10%, it is **D3E0EB**.

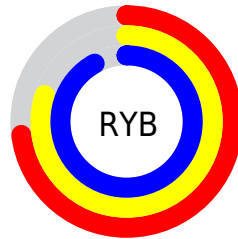
# Distribution



Red (73%)

Green (84%)

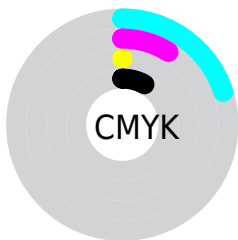
Blue (92%)



Red (73%)

Yellow (80%)

Blue (92%)

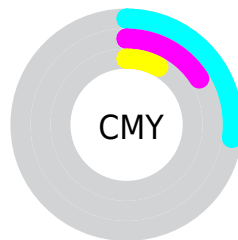


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (16%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBD6EB 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 BBD6EB by changing the saturation by 10% instead.



 BBD6EB

 BBD6EB

FFFFFF

 A0BACF

 F4FFFF

 859FB3

 6B8598

 526C7F

 3A5465

 223D4D

 092737

 001221

 000009

 BBD6EB

 BBD6EB

 A4CCEB

 D3E0EB

 8CC1EB

 EAEBEB

 75B7EB

 FFF5EB

 5DADEB

 FFFFEB

 46A3EB

 2E98EB

 178EEB

 0084EB

# Harmonies

## Analogous

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



B2D9E3



BBD6EB



CAD2EC

# Triad

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



BBD6EB



EFC9CE



C9D7BE

# Complementary

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



BBD6EB



EBD0BB

# 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.



D8D3B8



BBD6EB



EDCBC1

# Square

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



BBD6EB



E8CADB



E5CFBA



BBDAC9

# Rectangle

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



BBD6EB



D6CFE9



E5CFBA



CED6BC

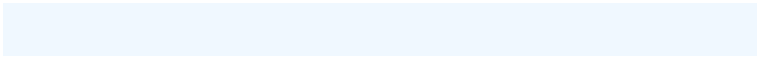


# Sweetspot

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



BBD6EB



F0F8FF



BBEBD0



777C80



000000



808080

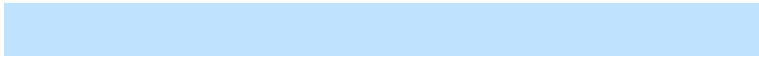


# Same Dimension

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



BBD6EB



BFE3FF



BBBEEB



6A7075



0066B5



001E36



# Inverse Universe

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



EBBBD6



FFBFE3



EBE8BB



756A70



B50066

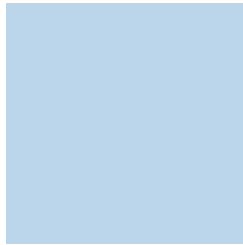


36001E



# Previews

## White Background



This preview shows how the Hex color BBD6EB looks on a white background.

## Color Contrast Check

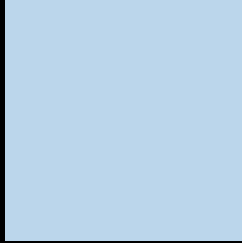
Large Text (above 18pt) WCAG AA × Fail

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 BBD6EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

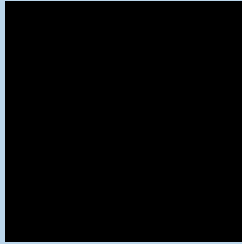
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

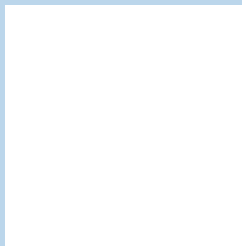
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBD6EB Background



This preview shows how black text looks on a background with the Hex color BBD6EB.

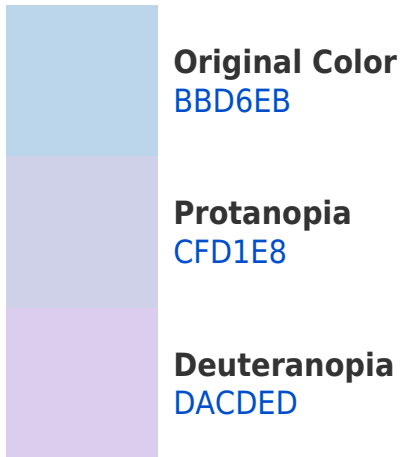


This preview shows how white text looks on a background with the Hex color BBD6EB.

# 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](#).

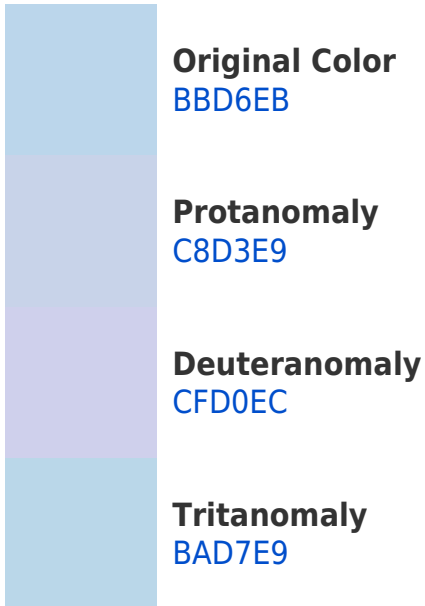
## Dichromacy



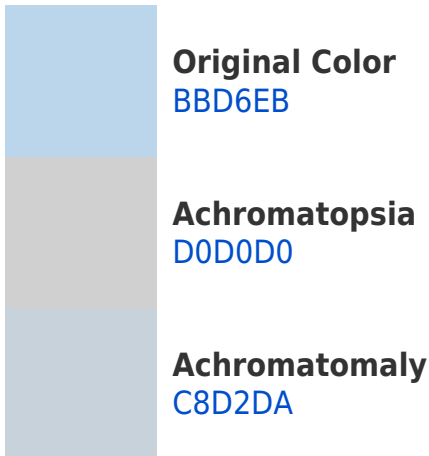


**Tritanopia**  
BAD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBD6EB 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 #BBD6EB looks like.

```
.text, #text, p{  
  color:#BBD6EB  
}
```

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 #BBD6EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBD6EB  
}
```

## Border

The CSS property to change the border of an element to Hex BBD6EB 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  
#BBD6EB }
```

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

```
.border{ border-color:#BBD6EB }
```

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

Here you see how a box with a 4 pixel #BBD6EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBD6EB; -webkit-box-shadow:4px 4px  
4px 4px #BBD6EB; box-shadow:4px 4px 4px  
4px #BBD6EB }
```

# Background

The CSS property to change the background color of an element to Hex BBD6EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBD6EB }
```

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

```
.background{ background-color:#BBD6EB }
```

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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