

# Converting Colors

Hex(BCD8EB)

Have a look what the booklet for  
Hex(BCD8EB) contains.

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# **Color**

**Hex(BCD8EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCD8EB
RGB	188, 216, 235
RGB Percent	74%, 85%, 92%
CMY	0.2627, 0.1529, 0.0784
CMYK	0.20, 0.08, 0.00, 0.08
HSL	204°, 54%, 83%
HSV	204°, 20%, 92%
XYZ	60.2903, 65.8013, 88.1205
YIQ	209.7940, -22.7870, -0.0270

# Conversions

## Conversions Part 2

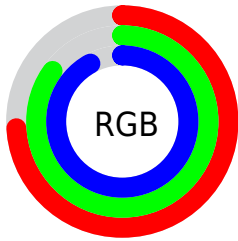
Format	Color
<a href="#">RYB</a>	<a href="#">188, 206, 235</a>
Decimal	<a href="#">12376299</a>
CIELab	<a href="#">84.89, -5.28, -12.42</a>
CIElCh	<a href="#">85, 13.501, 246.963</a>
Yxy	<a href="#">65.8013, 0.2815, 0.3072</a>
Android (android.graphics.Color)	<a href="#">4290566379 (0xFFBCD8EB)</a>
YUV	<a href="#">209.7940, 12.4266, -19.1133</a>
Hunter-Lab	<a href="#">81.1180, -9.2877, -7.6257</a>

# Details

The Hex color **BCD8EB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **EBCFBC**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F5FFFF**, and **86A1B3** is the 20% darker color. If you saturate the color by 10%, you get **A5CEEB**, and if you desaturate by 10%, it is **D4E2EB**.

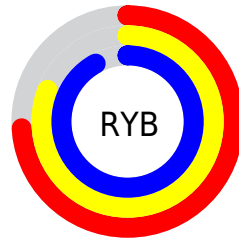
# Distribution



Red (74%)

Green (85%)

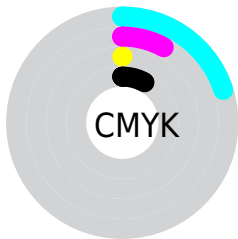
Blue (92%)



Red (74%)

Yellow (81%)

Blue (92%)

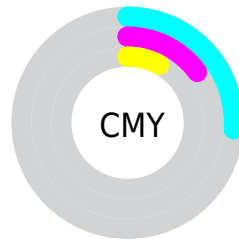


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (15%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCD8EB 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 BCD8EB by changing the saturation by 10% instead.



BCD8EB

BCD8EB

FFFFFF

A1BCCF

F5FFFF

86A1B3

6C8798

536E7F

3B5566

233E4E

0B2837

001421

000009

 BCD8EB

 BCD8EB

 A5CEEB

 D4E2EB

 8DC5EB

 EBEBEB

 76BBEB

 FFF4EB

 5EB2EB

 FFFEEB

 47A8EB

 FFFFEB

 2F9FEB

 1895EB

 008CEB

# Harmonies

## Analogous

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



B4DBE3



BCD8EB



CAD4ED

# Triad

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



BCD8EB



EFCBD1



CDD8BF

# Complementary

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



BCD8EB



EBCFBC

# 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.



DBD4BB



BCD8EB



EFCDC5

# Square

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



BCD8EB



E8CDDE



E8D0BD



BFDBCA

# Rectangle

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



BCD8EB



D5D1EB



E8D0BD



D2D7BD



# Sweetspot

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



BCD8EB



F0F9FF



BCEBCF



777C80



000000



808080

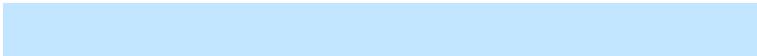


# Same Dimension

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



BCD8EB



C2E6FF



BCC1EB



6A7175



006CB5



002036



# Inverse Universe

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



EBBCD8



FFC2E6



EBE6BC



756A71



B5006C

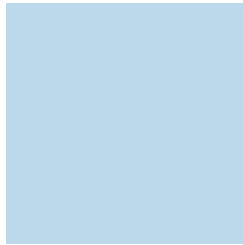


360020



# Previews

## White Background



This preview shows how the Hex color BCD8EB looks on a white background.

## Color Contrast Check

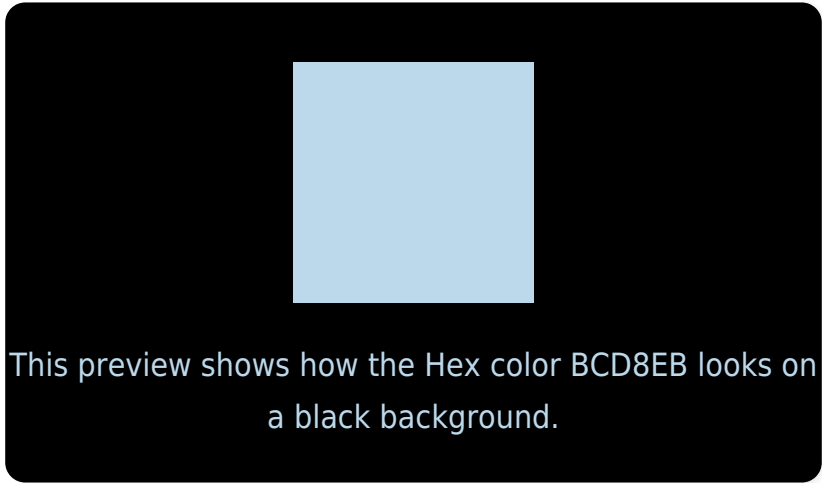
Large Text (above 18pt) WCAG AA × Fail

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

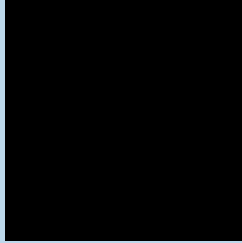
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

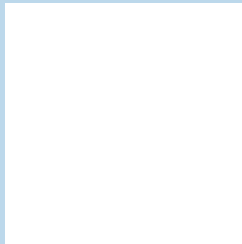
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCD8EB Background



This preview shows how black text looks on a background with the Hex color BCD8EB.

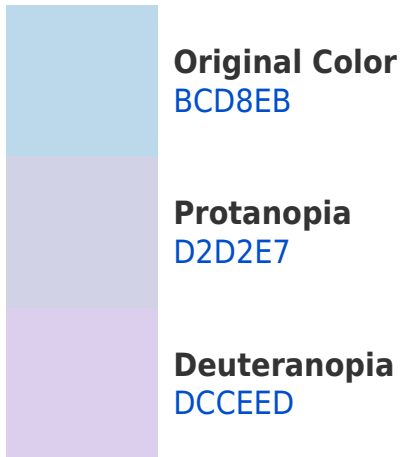


This preview shows how white text looks on a background with the Hex color BCD8EB.

# 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](#).

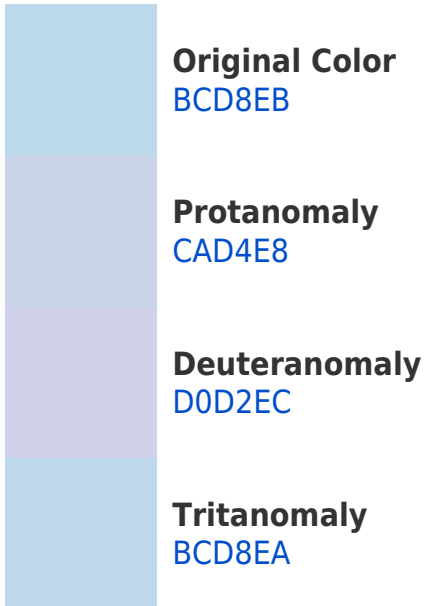
## Dichromacy



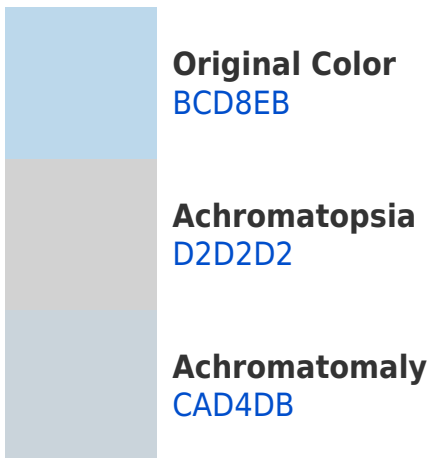


**Tritanopia**  
BCD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCD8EB 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 #BCD8EB looks like.

```
.text, #text, p{  
    color:#BCD8EB  
}
```

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 #BCD8EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCD8EB
}
```

## Border

The CSS property to change the border of an element to Hex BCD8EB 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
#BCD8EB }
```

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

```
.border{ border-color:#BCD8EB }
```

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

Here you see how a box with a 4 pixel #BCD8EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCD8EB; -webkit-box-shadow:4px 4px  
4px 4px #BCD8EB; box-shadow:4px 4px 4px  
4px #BCD8EB }
```

# Background

The CSS property to change the background color of an element to Hex BCD8EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCD8EB }
```

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

```
.background{ background-color:#BCD8EB }
```

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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