

# Converting Colors

Hex(B8CEE0)

Have a look what the booklet for  
Hex(B8CEE0) contains.

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# Color

**Hex(B8CEE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8CEE0
RGB	184, 206, 224
RGB Percent	72%, 81%, 88%
CMY	0.2784, 0.1922, 0.1216
CMYK	0.18, 0.08, 0.00, 0.12
HSL	207°, 39%, 80%
HSV	207°, 18%, 88%
XYZ	55.2930, 59.7148, 79.1329
YIQ	201.4740, -18.8900, 0.9340

# Conversions

## Conversions Part 2

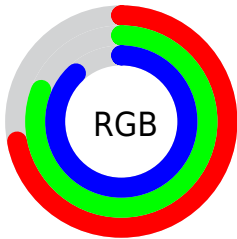
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 198, 224
Decimal	12111584
CIELab	81.68, -3.65, -11.40
CIELCh	82, 11.968, 252.233
Yxy	59.7148, 0.2848, 0.3076
Android (android.graphics.Color)	4290301664 (0xFFB8CEE0)
YUV	201.4740, 11.1053, -15.3247
Hunter-Lab	77.2753, -7.5093, -6.6225

# Details

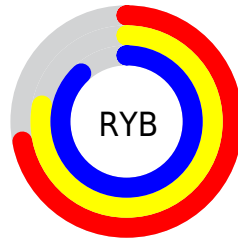
The Hex color **B8CEE0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0CAB8**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F0FFFF**, and **8398A9** is the 20% darker color. If you saturate the color by 10%, you get **A2C4E0**, and if you desaturate by 10%, it is **CED8E0**.

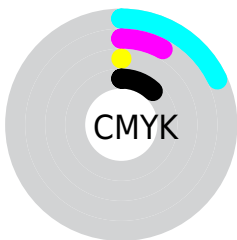
# Distribution



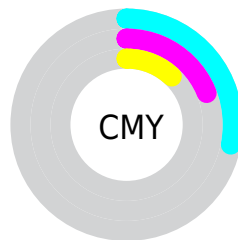
- Red (72%)
- Green (81%)
- Blue (88%)



- Red (72%)
- Yellow (78%)
- Blue (88%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (19%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8CEE0 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 B8CEE0 by changing the saturation by 10% instead.



 B8CEE0

FFFFFF

 F0FFFF

 B8CEE0

 9DB3C4

 8398A9

 697E8E

 506575

 394D5C

 223645

 0B212E

 000A1A

 000000

 B8CEE0

 B8CEE0

 A2C4E0

 CED8E0

 8BBAE0

 E5E2E0

 75B0E0

 FBCE00

 5EA6E0

 FFF6E0

 489CE0

 FFFF00

 3292E0

 1B87E0

 057DE0

 007BE0

# Harmonies

## Analogous

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



B0D1DA



B8CEE0



C5CAE1

# Triad

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



B8CEE0



E3C4C7



C2CFBA

# Complementary

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



B8CEE0



E0CAB8

# 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.



CFCCB5



B8CEE0



E2C5BC

# Square

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



B8CEE0



DEC4D2



DBC8B6



B7D1C4

# Rectangle

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



B8CEE0



CEC8DE



DBC8B6



C7CEB8

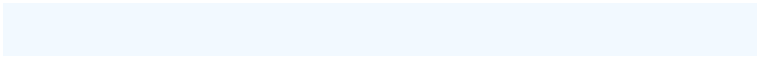


# Sweetspot

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



B8CEE0



F2F9FF



B8E0CA



787C80



000000



808080

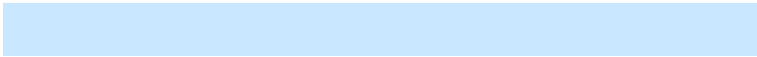


# Same Dimension

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



B8CEE0



C9E7FF



B8BBE0



656B70



0061B0



001B30



# Inverse Universe

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



E0B8CE



FFC9E7



E0DEB8



70656B



B00061

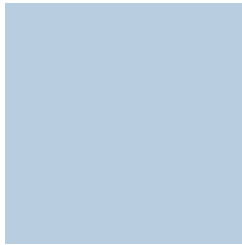


30001B



# Previews

## White Background



This preview shows how the Hex color B8CEE0 looks on a white background.

## Color Contrast Check

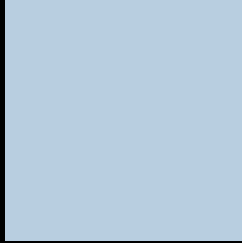
Large Text (above 18pt) WCAG AA × Fail

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 B8CEE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

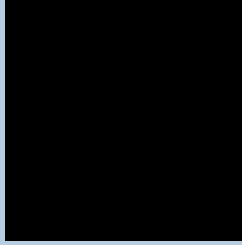
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

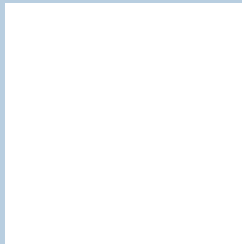
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8CEE0 Background



This preview shows how black text looks on a background with the Hex color B8CEE0.

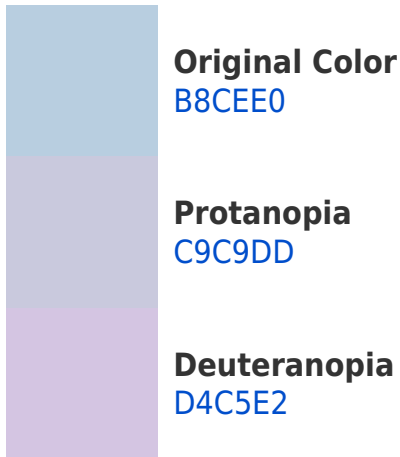


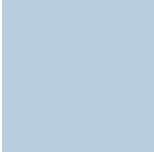
This preview shows how white text looks on a background with the Hex color B8CEE0.

# 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](#).

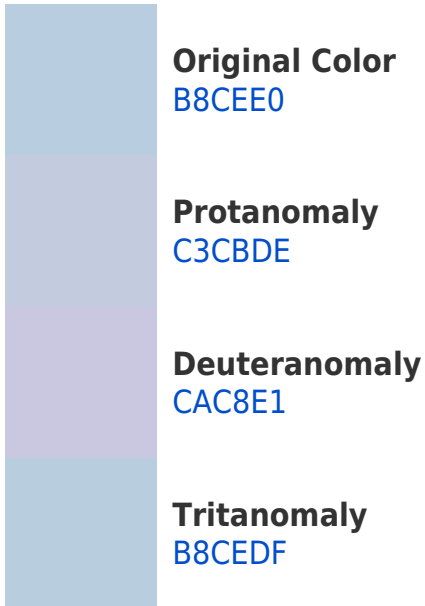
## Dichromacy



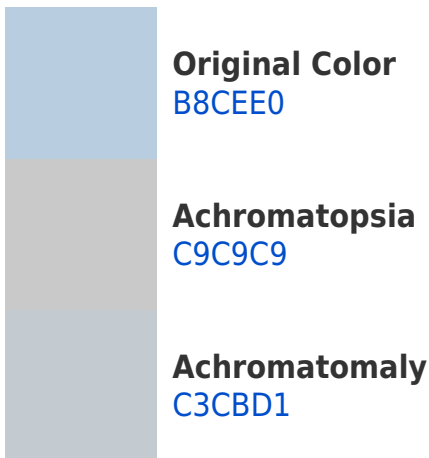


**Tritanopia**  
B8CEDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8CEE0 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 #B8CEE0 looks like.

```
.text, #text, p{  
    color:#B8CEE0  
}
```

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 #B8CEE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8CEE0  
}
```

## Border

The CSS property to change the border of an element to Hex B8CEE0 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  
#B8CEE0 }
```

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

```
.border{ border-color:#B8CEE0 }
```

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

Here you see how a box with a 4 pixel #B8CEE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8CEE0; -webkit-box-shadow:4px 4px  
4px 4px #B8CEE0; box-shadow:4px 4px 4px  
4px #B8CEE0 }
```

# Background

The CSS property to change the background color of an element to Hex B8CEE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8CEE0 }
```

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

```
.background{ background-color:#B8CEE0 }
```

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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