

# Converting Colors

Hex(B6E0CF)

Have a look what the booklet for  
Hex(B6E0CF) contains.

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# **Color**

**Hex(B6E0CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6E0CF
RGB	182, 224, 207
RGB Percent	71%, 88%, 81%
CMY	0.2863, 0.1216, 0.1882
CMYK	0.19, 0.00, 0.08, 0.12
HSL	156°, 40%, 80%
HSV	156°, 19%, 88%
XYZ	57.2095, 67.7614, 69.0955
YIQ	209.5040, -19.5750, -14.1910

# Conversions

## Conversions Part 2

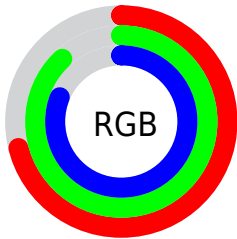
Format	Color
<a href="#">RYB</a>	<a href="#">182, 208, 224</a>
Decimal	<a href="#">11985103</a>
CIELab	<a href="#">85.89, -17.01, 3.80</a>
CIElCh	<a href="#">86, 17.425, 167.404</a>
Yxy	<a href="#">67.7614, 0.2948, 0.3492</a>
Android (android.graphics.Color)	<a href="#">4290175183 (0xFFB6E0CF)</a>
YUV	<a href="#">209.5040, -1.2345, -24.1210</a>
Hunter-Lab	<a href="#">82.3173, -19.9999, 7.8553</a>

# Details

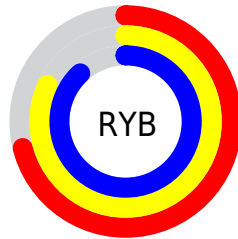
The Hex color **B6E0CF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0B6C7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EEEEFF**, and **80A999** is the 20% darker color. If you saturate the color by 10%, you get **A0E0C6**, and if you desaturate by 10%, it is **CCE0D8**.

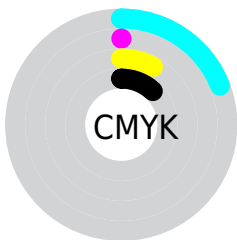
# Distribution



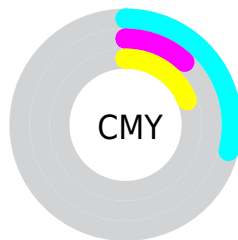
- Red (71%)
- Green (88%)
- Blue (81%)



- Red (71%)
- Yellow (82%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (29%)
- Magenta (12%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6E0CF 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 B6E0CF by changing the saturation by 10% instead.



 B6E0CF

 B6E0CF

FFFFFF

 9BC4B3

 EEEFFF

 80A999

 678E7F

 4E7466

 365C4E

 1F4437

 072E22

 001A0B

 000000

 B6E0CF

 B6E0CF

 A0E0C6

 CCE0D8

 89E0BD

 E3E0E1

 73E0B4

 F9E0EA

 5CE0AB

 FFE0F3

 46E0A2

 FFE0FC

 30E099

 FFE0FF

 19E090

 03E086

 00E085

# Harmonies

## Analogous

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



C7DDC0



B6E0CF



ADE0E0

# Triad

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



B6E0CF



D1D5F6



F6CEBF

# Complementary

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



B6E0CF



E0B6C7

# 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.



FACCCE



B6E0CF



E5D0ED

# Square

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



B6E0CF



BDDAF6



F4CCDE



EBD3B7

# Rectangle

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



B6E0CF



ADDFEA



F4CCDE



F9CDC3



# Sweetspot

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



B6E0CF



F0FFF9



C8E0B6



77807C



000000



808080

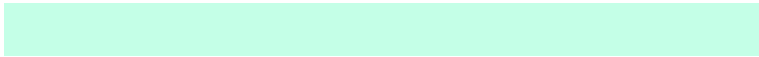


# Same Dimension

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



B6E0CF



C4FFE7



B6DDE0



65706C



00B069



00301D



# Inverse Universe

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



E0B6C7



FFC4DC



E0BAB6



70656A



B00047

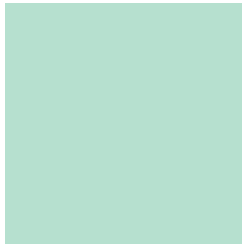


300014



# Previews

## White Background



This preview shows how the Hex color B6E0CF looks on a white background.

## Color Contrast Check

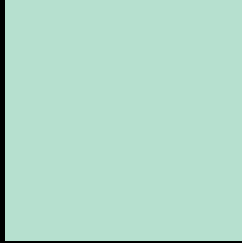
Large Text (above 18pt) WCAG AA × Fail

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 B6E0CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

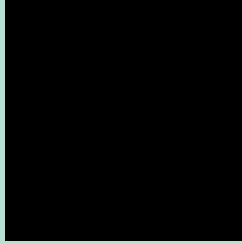
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

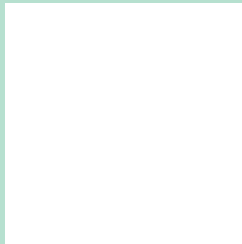
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6E0CF Background



This preview shows how black text looks on a background with the Hex color B6E0CF.

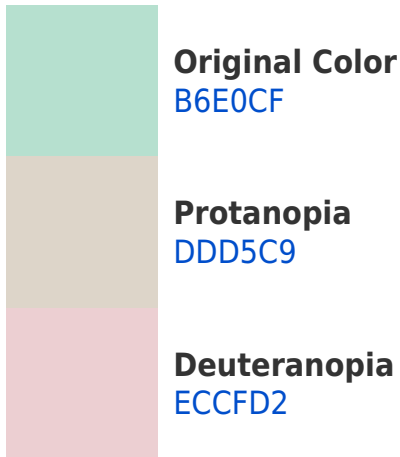


This preview shows how white text looks on a background with the Hex color B6E0CF.

# Color Blindness Simulation

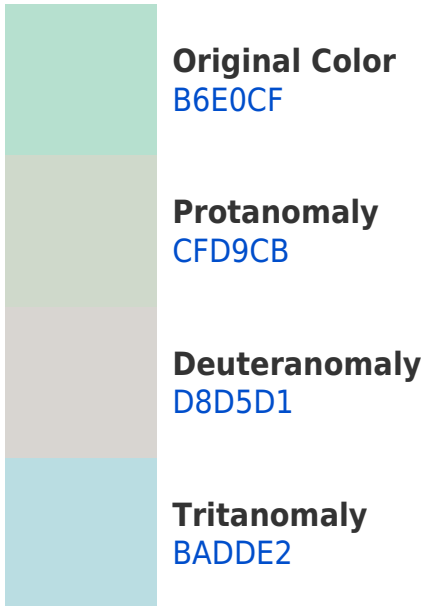
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

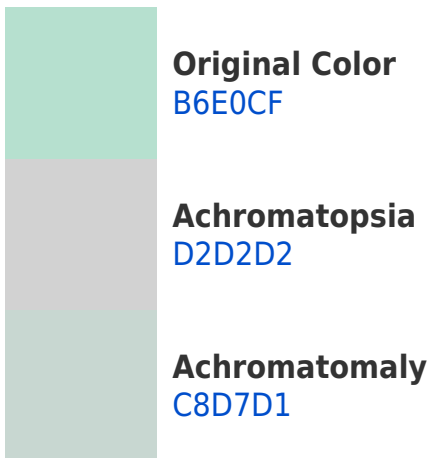




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6E0CF 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 #B6E0CF looks like.

```
.text, #text, p{  
    color:#B6E0CF  
}
```

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 #B6E0CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E0CF
}
```

## Border

The CSS property to change the border of an element to Hex B6E0CF 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
#B6E0CF }
```

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

```
.border{ border-color:#B6E0CF }
```

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

Here you see how a box with a 4 pixel #B6E0CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E0CF; -webkit-box-shadow:4px 4px  
4px 4px #B6E0CF; box-shadow:4px 4px 4px  
4px #B6E0CF }
```

# Background

The CSS property to change the background color of an element to Hex B6E0CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E0CF }
```

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

```
.background{ background-color:#B6E0CF }
```

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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