

# Converting Colors

Hex(B7CEDB)

Have a look what the booklet for  
Hex(B7CEDB) contains.

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# **Color**

**Hex(B7CEDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7CEDB
RGB	183, 206, 219
RGB Percent	72%, 81%, 86%
CMY	0.2824, 0.1922, 0.1412
CMYK	0.16, 0.06, 0.00, 0.14
HSL	202°, 33%, 79%
HSV	202°, 16%, 86%
XYZ	54.3859, 59.3244, 75.6021
YIQ	200.6050, -17.8810, -0.8330

# Conversions

## Conversions Part 2

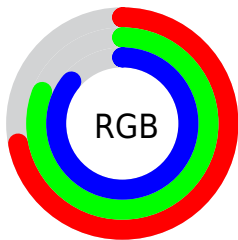
Format	Color
<a href="#">RYB</a>	<a href="#">183, 197, 219</a>
Decimal	<a href="#">12046043</a>
CIELab	<a href="#">81.47, -5.03, -9.05</a>
CIELCh	<a href="#">81, 10.353, 240.947</a>
Yxy	<a href="#">59.3244, 0.2873, 0.3134</a>
Android (android.graphics.Color)	<a href="#">4290236123</a> ( <a href="#">0xFFB7CEDB</a> )
YUV	<a href="#">200.6050, 9.0687, -15.4396</a>
Hunter-Lab	<a href="#">77.0223, -8.7491, -4.2812</a>

# Details

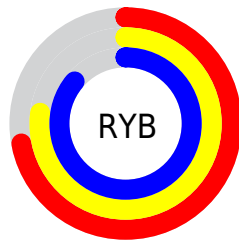
The Hex color **B7CEDB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DBC4B7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFFF**, and **8298A4** is the 20% darker color. If you saturate the color by 10%, you get **A1C6DB**, and if you desaturate by 10%, it is **CDD6DB**.

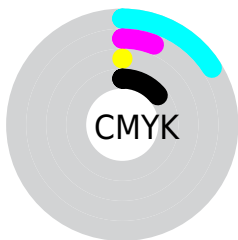
# Distribution



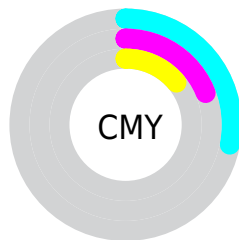
- Red (72%)
- Green (81%)
- Blue (86%)



- Red (72%)
- Yellow (77%)
- Blue (86%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (19%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7CEDB 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 B7CEDB by changing the saturation by 10% instead.



 B7CEDB

 B7CEDB

FFFFFF

 9CB3BF

 EFFFFFF

 8298A4

 687E8A

 506570

 384D58

 213641

 0B212B

 000A16

 000000

 B7CEDB

 B7CEDB

 A1C6DB

 CDD6DB

 8BBEDB

 E3DEDB

 75B6DB

 F9E6DB

 5FAEDB

 FFEEDB

 4AA6DB

 FFF6DB

 349FDB

 FFFDDB

 1E97DB

 FFFFDB

 088FDB

 008CDB

# Harmonies

## Analogous

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



B3D0D4



B7CEDB



C1CBDE

# Triad

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



B7CEDB



DEC4CA



C7CDBA

# Complementary

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



B7CEDB



DBC4B7

# 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.



D2CAB7



B7CEDB



DFC5C1

# Square

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



B7CEDB



D8C5D4



DBC7BA



BCCFC1

# Rectangle

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



B7CEDB



C9C9DC



DBC7BA



CBCCB8



# Sweetspot

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



B7CEDB



F2FAFF



B7DBC4



787D80



000000



808080

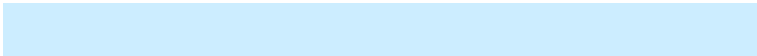


# Same Dimension

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



B7CEDB



CCEDFF



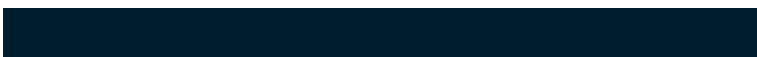
B7BCDB



636A6E



006FAD



001D2E



# Inverse Universe

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



DBB7CE



FFCCED



DBD6B7



6E636A



AD006F

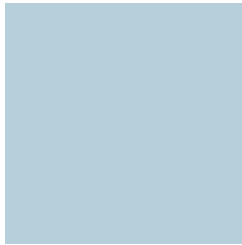


2E001D



# Previews

## White Background



This preview shows how the Hex color B7CEDB looks on a white background.

## Color Contrast Check

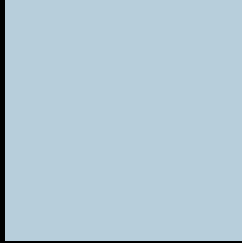
Large Text (above 18pt) WCAG AA × Fail

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 B7CEDB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

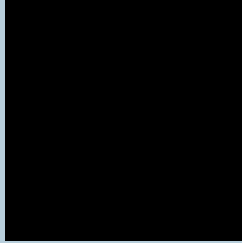
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

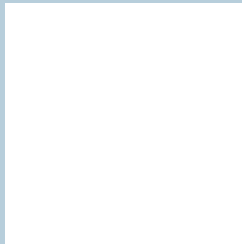
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7CEDB Background



This preview shows how black text looks on a background with the Hex color B7CEDB.

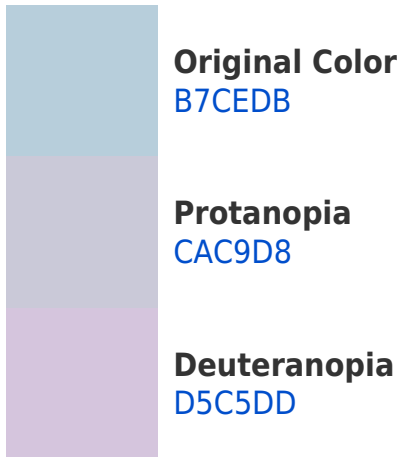


This preview shows how white text looks on a background with the Hex color B7CEDB.

# Color Blindness Simulation

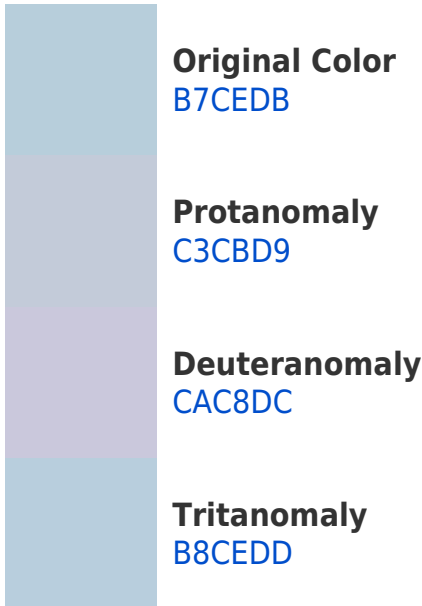
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

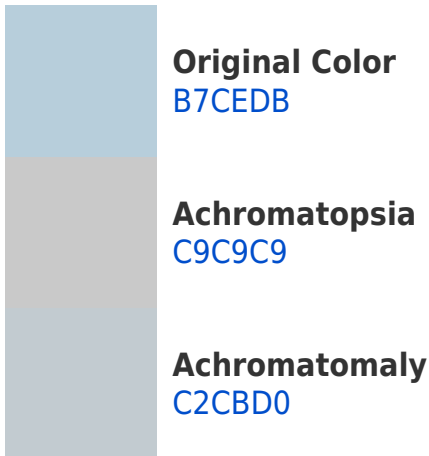




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7CEDB 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 #B7CEDB looks like.

```
.text, #text, p{  
    color:#B7CEDB  
}
```

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 #B7CEDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CEDB
}
```

## Border

The CSS property to change the border of an element to Hex B7CEDB 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
#B7CEDB }
```

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

```
.border{ border-color:#B7CEDB }
```

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

Here you see how a box with a 4 pixel #B7CEDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CEDB; -webkit-box-shadow:4px 4px  
4px 4px #B7CEDB; box-shadow:4px 4px 4px  
4px #B7CEDB }
```

# Background

The CSS property to change the background color of an element to Hex B7CEDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CEDB }
```

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

```
.background{ background-color:#B7CEDB }
```

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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