

# Converting Colors

Hex(8CBCD0)

Have a look what the booklet for  
Hex(8CBCD0) contains.

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# **Color**

**Hex(8CBCD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CBCD0
RGB	140, 188, 208
RGB Percent	55%, 74%, 82%
CMY	0.4510, 0.2627, 0.1843
CMYK	0.33, 0.10, 0.00, 0.18
HSL	198°, 42%, 68%
HSV	198°, 33%, 82%
XYZ	40.1836, 46.0960, 66.4540
YIQ	175.9280, -35.0280, -3.9560

# Conversions

## Conversions Part 2

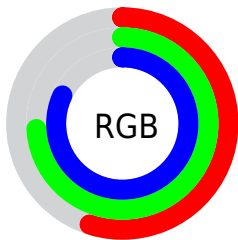
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 168, 208
Decimal	9223376
CIELab	73.61, -10.97, -15.15
CIElCh	74, 18.709, 234.088
Yxy	46.0960, 0.2631, 0.3018
Android (android.graphics.Color)	4287413456 (0xFF8CBCD0)
YUV	175.9280, 15.8115, -31.5089
Hunter-Lab	67.8940, -13.1679, -10.5067

# Details

The Hex color **8CBCD0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D0A08C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C3F4FF**, and **57879A** is the 20% darker color. If you saturate the color by 10%, you get **77B6D0**, and if you desaturate by 10%, it is **A1C2D0**.

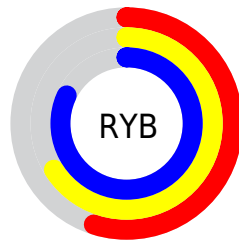
# Distribution



Red (55%)

Green (74%)

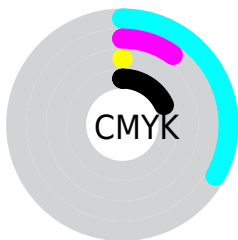
Blue (82%)



Red (55%)

Yellow (66%)

Blue (82%)

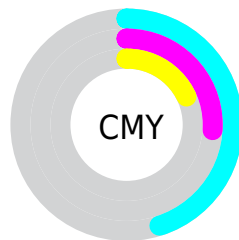


Cyan (33%)

Magenta (10%)

Yellow (0%)

Black (18%)



Cyan (45%)

Magenta (26%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CBCD0 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 8CBCD0 by changing the saturation by 10% instead.



8CBCD0

8CBCD0

FFFFFF

71A1B4

C3F4FF

57879A

E0FFFF

3D6D80

FDFFFF

225567

003E4F

002838

001422

00000A

000000

8CBCD0

8CBCD0

77B6D0

A1C2D0

62B0D0

B6C8D0

4EAAD0

CACED0

39A4D0

DFD4D0

249DD0

F4DBD0

0F97D0

FFE1D0

0093D0

FFE7D0

FFEDD0

FFF3D0

# Harmonies

## Analogous

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



87BFC2



8CBCD0



9DB7D7

# Triad

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



8CB CD0



D5A9B9



B3B895

# Complementary

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



8CBCD0



D0A08C

# 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.



C6B293



8CBCD0



D9A9A8

# Square

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



8CBCD0



C8ACC9



D3AD9A



A0BCA0

# Rectangle

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



8CBCD0



ACB4D6



D3AD9A



BAB694



# Sweetspot

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



8CBCD0



E6F8FF



8CD09F



707B80



000000



808080

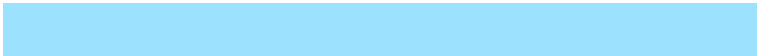


# Same Dimension

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



8CBCD0



9CE2FF



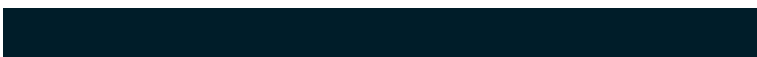
8C9BD0



5E6569



0077A8



001D29



# Inverse Universe

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



D08CBC



FF9CE2



D0C18C



695E65



A80077

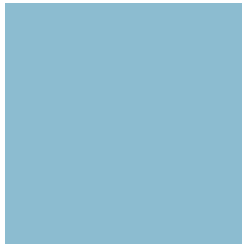


29001D



# Previews

## White Background



This preview shows how the Hex color 8CBCD0 looks on a white background.

## Color Contrast Check

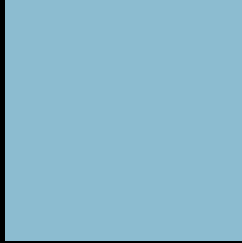
Large Text (above 18pt) WCAG AA × Fail

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 8CBCD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

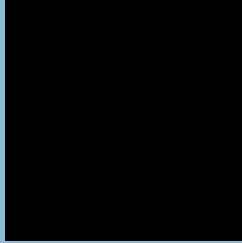
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CBCD0 Background



This preview shows how black text looks on a background with the Hex color 8CBCD0.

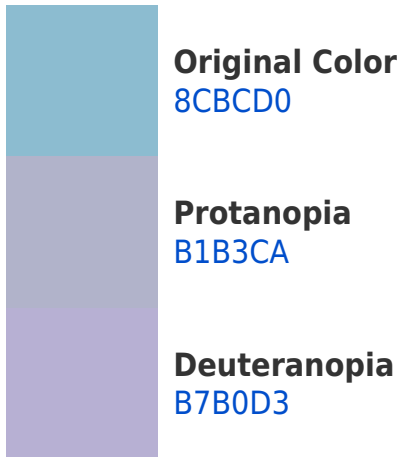


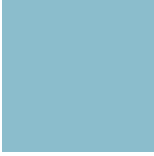
This preview shows how white text looks on a background with the Hex color 8CBCD0.

# 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](#).

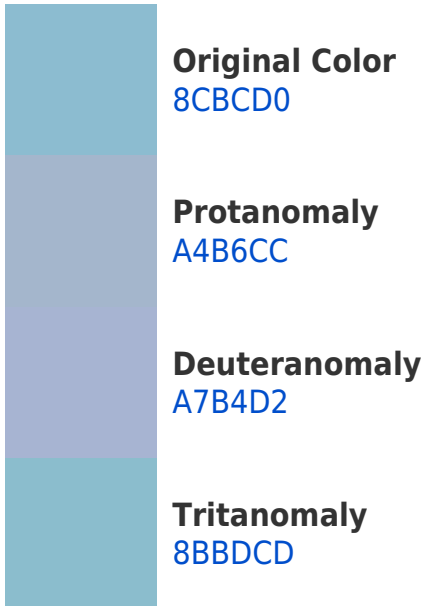
## Dichromacy



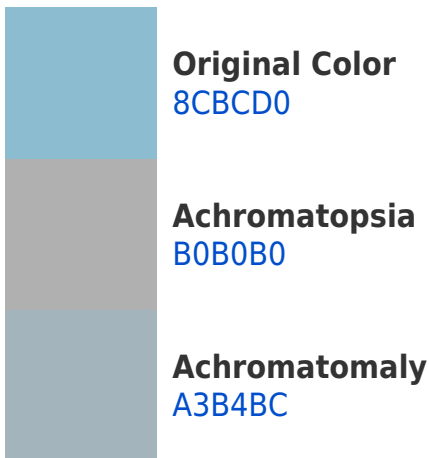


**Tritanopia**  
8BBDCC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CBCD0 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 #8CBCD0 looks like.

```
.text, #text, p{  
    color:#8CBCD0  
}
```

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 #8CBCD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CBCD0
}
```

## Border

The CSS property to change the border of an element to Hex 8CBCD0 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
#8CBCD0 }
```

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

```
.border{ border-color:#8CBCD0 }
```

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

Here you see how a box with a 4 pixel #8CBCD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CBCD0; -webkit-box-shadow:4px 4px  
4px 4px #8CBCD0; box-shadow:4px 4px 4px  
4px #8CBCD0 }
```

# Background

The CSS property to change the background color of an element to Hex 8CBCD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CBCD0 }
```

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

```
.background{ background-color:#8CBCD0 }
```

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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