

# Converting Colors

Hex(8CDBE0)

Have a look what the booklet for  
Hex(8CDBE0) contains.

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# **Color**

**Hex(8CDBE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CDBE0
RGB	140, 219, 224
RGB Percent	55%, 86%, 88%
CMY	0.4510, 0.1412, 0.1216
CMYK	0.37, 0.02, 0.00, 0.12
HSL	184°, 58%, 71%
HSV	184°, 37%, 88%
XYZ	49.6013, 61.6203, 79.8007
YIQ	195.9490, -48.6890, -15.1930

# Conversions

## Conversions Part 2

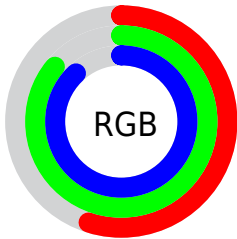
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 181, 224
Decimal	9231328
CIELab	82.71, -22.93, -10.13
CIElCh	83, 25.065, 203.836
Yxy	61.6203, 0.2597, 0.3226
Android (android.graphics.Color)	4287421408 (0xFF8CDBE0)
YUV	195.9490, 13.8291, -49.0673
Hunter-Lab	78.4986, -24.5829, -5.3244

# Details

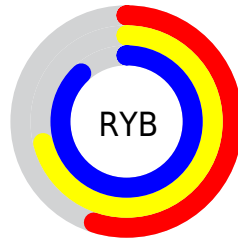
The Hex color **8CDBE0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0918C**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C5FFFF**, and **54A4A9** is the 20% darker color. If you saturate the color by 10%, you get **76DAE0**, and if you desaturate by 10%, it is **A2DCE0**.

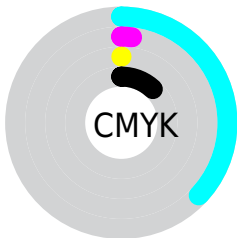
# Distribution



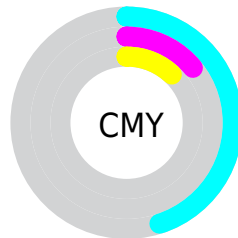
- Red (55%)
- Green (86%)
- Blue (88%)



- Red (55%)
- Yellow (71%)
- Blue (88%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (14%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CDBE0 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 8CDBE0 by changing the saturation by 10% instead.



 8CDBE0

 8CDBE0

FFFFFF

 70BFC4

 C5FFFF

 54A4A9

 E2FFFF

 38898E

 157075

 00575C

 003F45

 00292E

 00121A

 000000

 8CDBE0

 8CDBE0

 76DAE0

 A2DCE0

 5FD8E0

 B9DEE0

 49D7E0

 CFDFE0

 32D6E0

 E6E0E0

 1CD4E0

 FCE2E0

 06D3E0

 FFE3E0

 00D3E0

 FFE4E0

 FFE6E0

 FFE7E0

# Harmonies

## Analogous

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



99DBC8



8CDBE0



93D8F3

# Triad

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



8CDBE0



E8C2EA



E4CB9F

# Complementary

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



8CDBE0



E0918C

# 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.



F7C3A9



8CDBE0



FABED4

# Square

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



8CDBE0



CCCAF9



FFBEBC



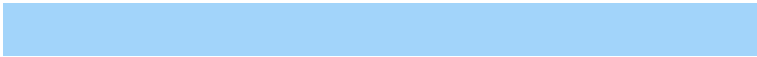
CCD2A3

# Rectangle

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



8CDBE0



A2D4FA



FFBEBC



EBC8A1

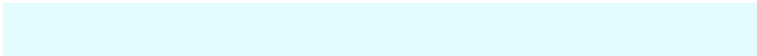


# Sweetspot

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



8CDBE0



E3FDFD



8CE090



6F7F80



000000



808080



# Same Dimension

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



8CDBE0



8CF8FF



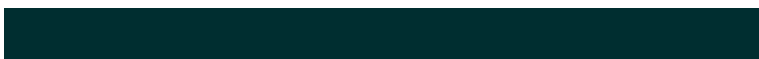
8CB2E0



657070



00A5B0



002E30



# Inverse Universe

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



E08CDB



FF8CF8



E0BA8C



706570



B000A5

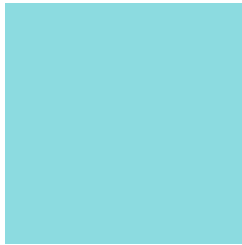


30002E



# Previews

## White Background



This preview shows how the Hex color 8CDBE0 looks on a white background.

## Color Contrast Check

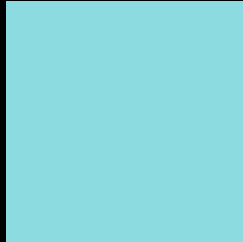
Large Text (above 18pt) WCAG AA × Fail

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 8CDBE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

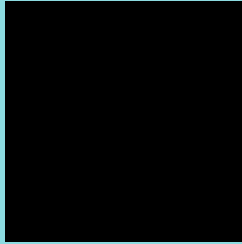
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CDBE0 Background



This preview shows how black text looks on a background with the Hex color 8CDBE0.

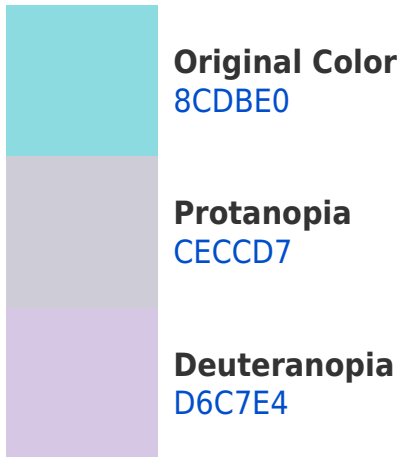


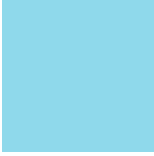
This preview shows how white text looks on a background with the Hex color 8CDBE0.

# 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](#).

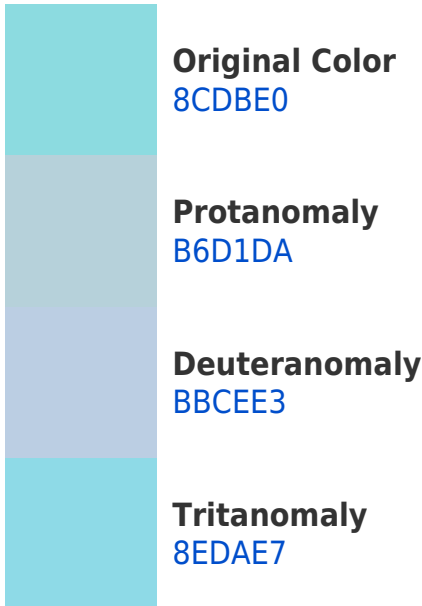
## Dichromacy





**Tritanopia**  
8FD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CDBE0 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 #8CDBE0 looks like.

```
.text, #text, p{  
    color:#8CDBE0  
}
```

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 #8CDBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CDBE0
}
```

## Border

The CSS property to change the border of an element to Hex 8CDBE0 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
#8CDBE0 }
```

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

```
.border{ border-color:#8CDBE0 }
```

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

Here you see how a box with a 4 pixel #8CDBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CDBE0; -webkit-box-shadow:4px 4px  
4px 4px #8CDBE0; box-shadow:4px 4px 4px  
4px #8CDBE0 }
```

# Background

The CSS property to change the background color of an element to Hex 8CDBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CDBE0 }
```

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

```
.background{ background-color:#8CDBE0 }
```

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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