

# Converting Colors

Hex(8CD9E9)

Have a look what the booklet for  
Hex(8CD9E9) contains.

<b>Hex(8CD9E9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8CD9E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CD9E9
RGB	140, 217, 233
RGB Percent	55%, 85%, 91%
CMY	0.4510, 0.1490, 0.0863
CMYK	0.40, 0.07, 0.00, 0.09
HSL	190°, 68%, 73%
HSV	190°, 40%, 91%
XYZ	50.3361, 61.0843, 86.2283
YIQ	195.8010, -51.0280, -11.3480

# Conversions

## Conversions Part 2

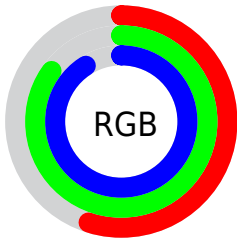
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 182, 233
Decimal	9230825
CIELab	82.42, -19.71, -15.34
CIELCh	82, 24.978, 217.892
Yxy	61.0843, 0.2547, 0.3091
Android (android.graphics.Color)	4287420905 (0xFF8CD9E9)
YUV	195.8010, 18.3391, -48.9375
Hunter-Lab	78.1565, -21.8123, -10.7038

# Details

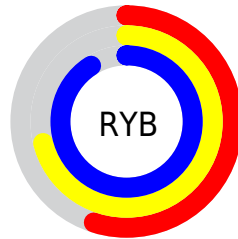
The Hex color **8CD9E9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E99C8C**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C5FFFF**, and **54A2B1** is the 20% darker color. If you saturate the color by 10%, you get **75D5E9**, and if you desaturate by 10%, it is **A3DDE9**.

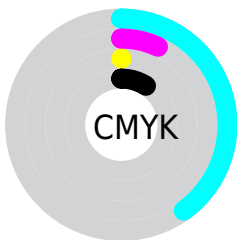
# Distribution



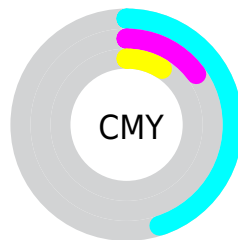
- Red (55%)
- Green (85%)
- Blue (91%)



- Red (55%)
- Yellow (71%)
- Blue (91%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CD9E9 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 8CD9E9 by changing the saturation by 10% instead.



 8CD9E9

 8CD9E9

FFFFFF


 70BDCD

 C5FFFF

 54A2B1

 E2FFFF

 368897

 116E7D

 005664

 003E4C

 002835

 001120

 000006

8CD9E9

8CD9E9

75D5E9

A3DDE9

5DD1E9

BBE1E9

46CDE9

D2E5E9

2FC9E9

E9E9E9

18C5E9

FFEDE9

00C1E9

FFF1E9

FFF5E9

FFF9E9

FFFDE9

# Harmonies

## Analogous

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



90DBD3



8CD9E9



9CD4F8

# Triad

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



8CD9E9



F1BFD9



D9CE9F

# Complementary

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



8CD9E9



E99C8C

# 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.



EEC6A2



8CD9E9



FDBCC8

# Square

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



8CD9E9



D9C5F2



FBBFB1



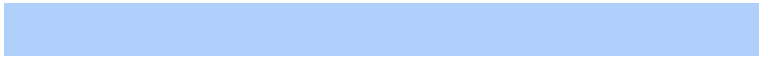
BED4A8

# Rectangle

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



8CD9E9



AFD0FB



FBBFB1



E0CB9E

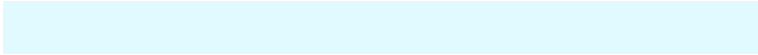


# Sweetspot

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



8CD9E9



E0FAFF



8CE99C



6E7C80



000000



808080

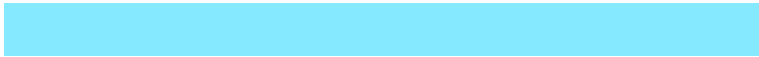


# Same Dimension

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



8CD9E9



85EAFB



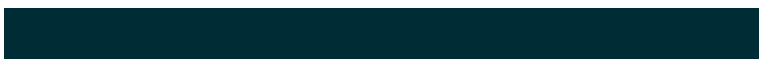
8CABE9



6A7375



0096B5



002C36



# Inverse Universe

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



E98CD9



FF85EA



E9CA8C



756A73



B50096

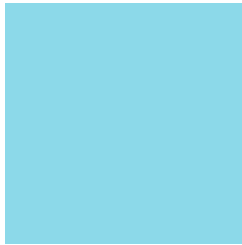


36002C



# Previews

## White Background



This preview shows how the Hex color 8CD9E9 looks on a white background.

## Color Contrast Check

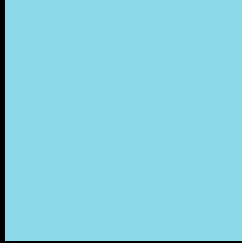
Large Text (above 18pt) WCAG AA × Fail

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 8CD9E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

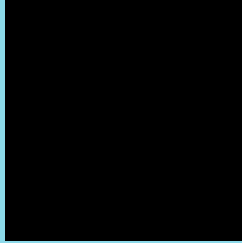
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CD9E9 Background



This preview shows how black text looks on a background with the Hex color 8CD9E9.

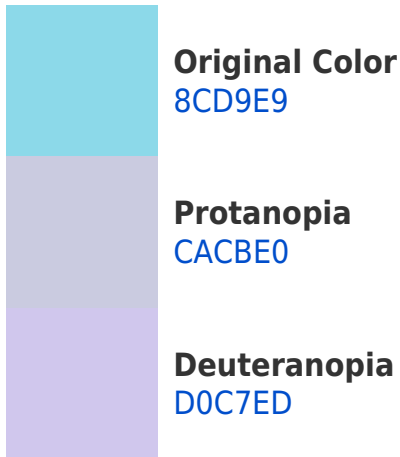


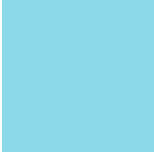
This preview shows how white text looks on a background with the Hex color 8CD9E9.

# 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](#).

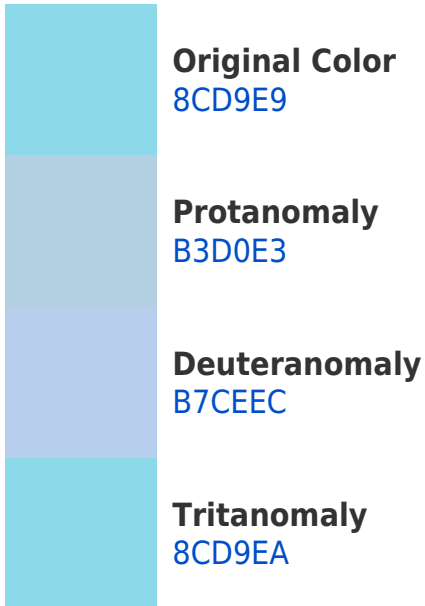
## Dichromacy



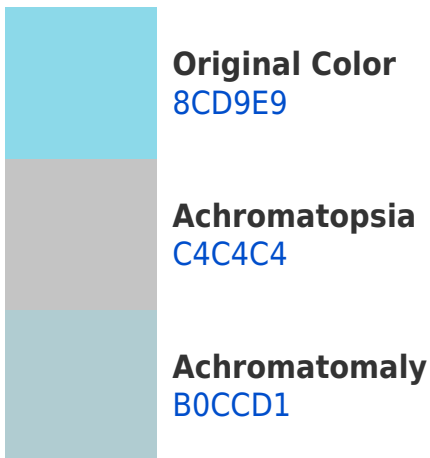


**Tritanopia**  
8CD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CD9E9 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 #8CD9E9 looks like.

```
.text, #text, p{  
    color:#8CD9E9  
}
```

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 #8CD9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CD9E9
}
```

## Border

The CSS property to change the border of an element to Hex 8CD9E9 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
#8CD9E9 }
```

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

```
.border{ border-color:#8CD9E9 }
```

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

Here you see how a box with a 4 pixel #8CD9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CD9E9; -webkit-box-shadow:4px 4px  
4px 4px #8CD9E9; box-shadow:4px 4px 4px  
4px #8CD9E9 }
```

# Background

The CSS property to change the background color of an element to Hex 8CD9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CD9E9 }
```

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

```
.background{ background-color:#8CD9E9 }
```

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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