

# Converting Colors

Hex(83C9E0)

Have a look what the booklet for  
Hex(83C9E0) contains.

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# **Color**

**Hex(83C9E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83C9E0
RGB	131, 201, 224
RGB Percent	51%, 79%, 88%
CMY	0.4863, 0.2118, 0.1216
CMYK	0.42, 0.10, 0.00, 0.12
HSL	195°, 60%, 70%
HSV	195°, 42%, 88%
XYZ	43.7013, 51.9804, 78.2509
YIQ	182.6920, -49.1030, -7.6870

# Conversions

## Conversions Part 2

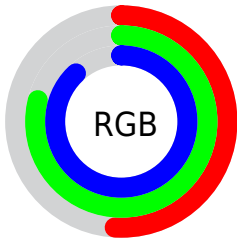
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 171, 224</a>
Decimal	<a href="#">8636896</a>
CIELab	<a href="#">77.27, -16.11, -18.34</a>
CIELCh	<a href="#">77, 24.408, 228.699</a>
Yxy	<a href="#">51.9804, 0.2513, 0.2989</a>
Android (android.graphics.Color)	<a href="#">4286826976 (0xFF83C9E0)</a>
YUV	<a href="#">182.6920, 20.3648, -45.3339</a>
Hunter-Lab	<a href="#">72.0974, -17.9742, -13.8822</a>

# Details

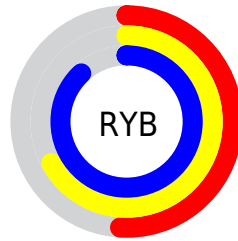
The Hex color **83C9E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E09A83**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BCFFFF**, and **4B93A9** is the 20% darker color. If you saturate the color by 10%, you get **6DC3E0**, and if you desaturate by 10%, it is **99CFE0**.

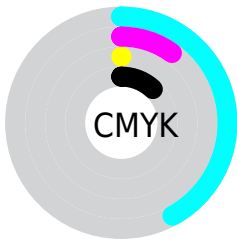
# Distribution



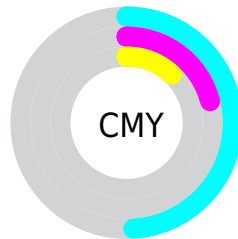
- Red (51%)
- Green (79%)
- Blue (88%)



- Red (51%)
- Yellow (67%)
- Blue (88%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (21%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83C9E0 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 83C9E0 by changing the saturation by 10% instead.



 83C9E0

 83C9E0

FFFFFF

 67AEC4

 BCFFFF

 4B93A9

 D9FFFF

 2D798E

 F6FFFF

 016075

 00485C

 003244

 001D2E

 00011A

 000000

83C9E0

83C9E0

6DC3E0

99CFE0

56BEE0

B0D4E0

40B8E0

C6DAE0

29B3E0

DDDFE0

13ADE0

F3E5E0

00A9E0

FFEAE0

FFF0E0

FFF5E0

FFFBEO

# Harmonies

## Analogous

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



80CCCC



83C9E0



99C3EB

# Triad

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



83C9E0



E7AFC8



C1C294

# Complementary

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



83C9E0



E09A83

# 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.



D8BA93



83C9E0



EEAFB1

# Square

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



83C9E0



D4B4DD



E8B39E



A7C8A0

# Rectangle

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



83C9E0



ADBFEB



E8B39E



C9BF92

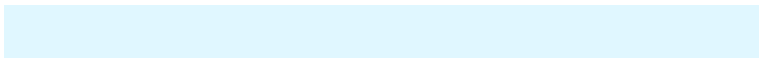


# Sweetspot

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



83C9E0



E0F7FF



83E099



6E7B80



000000



808080

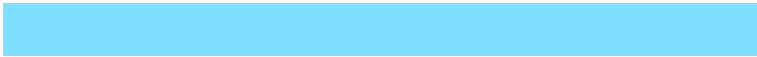


# Same Dimension

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



83C9E0



80DFFF



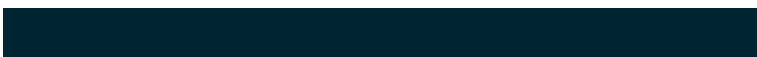
839CE0



656D70



0084B0



002430



# Inverse Universe

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



E083C9



FF80DF



E0C783



70656D



B00084

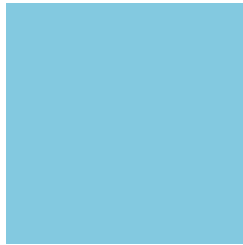


300024



# Previews

## White Background



This preview shows how the Hex color 83C9E0 looks on a white background.

## Color Contrast Check

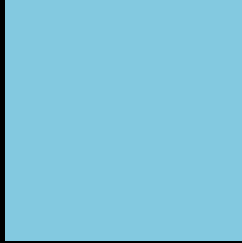
Large Text (above 18pt) WCAG AA × Fail

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 83C9E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

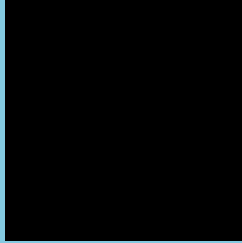
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83C9E0 Background



This preview shows how black text looks on a background with the Hex color 83C9E0.

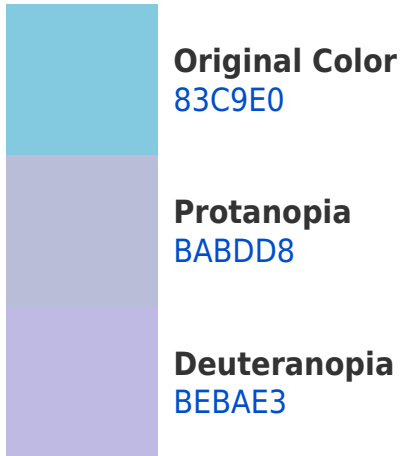


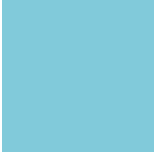
This preview shows how white text looks on a background with the Hex color 83C9E0.

# Color Blindness Simulation

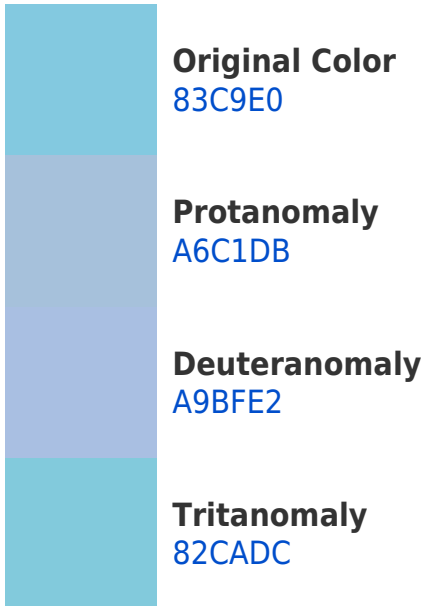
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

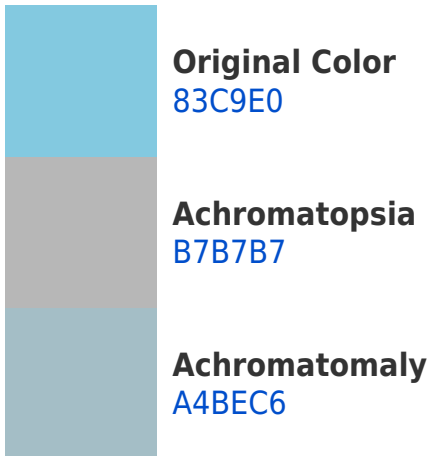




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83C9E0 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 #83C9E0 looks like.

```
.text, #text, p{  
    color:#83C9E0  
}
```

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 #83C9E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C9E0
}
```

## Border

The CSS property to change the border of an element to Hex 83C9E0 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
#83C9E0 }
```

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

```
.border{ border-color:#83C9E0 }
```

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

Here you see how a box with a 4 pixel #83C9E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C9E0; -webkit-box-shadow:4px 4px  
4px 4px #83C9E0; box-shadow:4px 4px 4px  
4px #83C9E0 }
```

# Background

The CSS property to change the background color of an element to Hex 83C9E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C9E0 }
```

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

```
.background{ background-color:#83C9E0 }
```

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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