

# Converting Colors

Hex(83D9CE)

Have a look what the booklet for  
Hex(83D9CE) contains.

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**Color**

**Hex(83D9CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83D9CE
RGB	131, 217, 206
RGB Percent	51%, 85%, 81%
CMY	0.4863, 0.1490, 0.1922
CMYK	0.40, 0.00, 0.05, 0.15
HSL	172°, 53%, 68%
HSV	172°, 40%, 85%
XYZ	45.3135, 58.9072, 67.3745
YIQ	190.0320, -47.7250, -21.6530

# Conversions

## Conversions Part 2

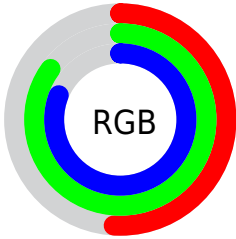
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 177, 217
Decimal	8640974
CIELab	81.24, -28.54, -2.77
CIELCh	81, 28.674, 185.548
Yxy	58.9072, 0.2641, 0.3433
Android (android.graphics.Color)	4286831054 (0xFF83D9CE)
YUV	190.0320, 7.8722, -51.7711
Hunter-Lab	76.7510, -28.9287, 1.6791

# Details

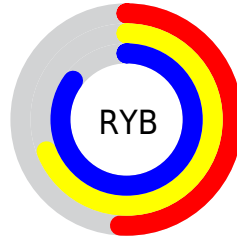
The Hex color **83D9CE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D9838E**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BCFFFF**, and **4BA298** is the 20% darker color. If you saturate the color by 10%, you get **6DD9CB**, and if you desaturate by 10%, it is **99D9D1**.

# Distribution



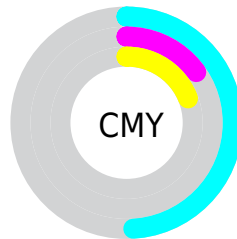
- Red (51%)
- Green (85%)
- Blue (81%)



- Red (51%)
- Yellow (69%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83D9CE 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 83D9CE by changing the saturation by 10% instead.



 83D9CE

 83D9CE

FFFFFF

 67BDB3

 BCFFFF

 4BA298

 D8FFFF

 2D877E

 F6FFFF

 016E65

 00554D

 003D36

 002721

 00090B

 000000

 83D9CE

 83D9CE

 6DD9CB

 99D9D1

 58D9C8

 AED9D4

 42D9C6

 C4D9D6

 2CD9C3

 DAD9D9

 16D9C0

 EFD9DC

 01D9BD

 FFD9DF

 00D9BD

 FFD9E1

 FFD9E4

 FFD9E7

# Harmonies

## Analogous

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



9CD7B3



83D9CE



7BD8E8

# Triad

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



83D9CE



D4C1F5



F0C19A

# Complementary

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



83D9CE



D9838E

# 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.



FEB9AC



83D9CE



F1B9E1

# Square

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



83D9CE



B0CBFF



FFB6C6



D9CA94

# Rectangle

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



83D9CE



84D5F5



FFB6C6



F6BE9F

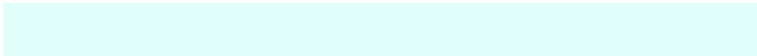


# Sweetspot

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



83D9CE



E0FFFB



8ED983



6E807D



000000



808080



# Same Dimension

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



83D9CE



85FFEF



83B9D9



636E6C



00AD97



002E28



# Inverse Universe

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



D9838E



FF8594



D9A383



6E6364



AD0016

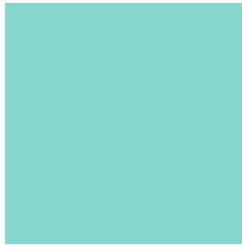


2E0006



# Previews

## White Background



This preview shows how the Hex color 83D9CE looks on a white background.

## Color Contrast Check

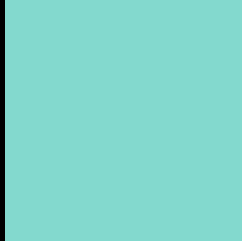
Large Text (above 18pt) WCAG AA × Fail

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 83D9CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

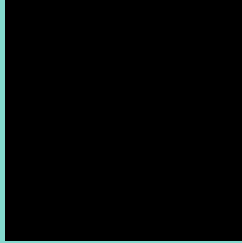
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

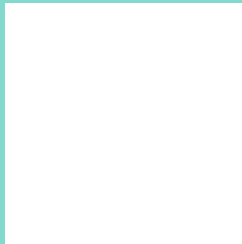
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83D9CE Background



This preview shows how black text looks on a background with the Hex color 83D9CE.



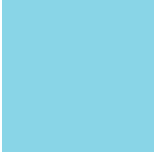
This preview shows how white text looks on a background with the Hex color 83D9CE.

# 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](#).

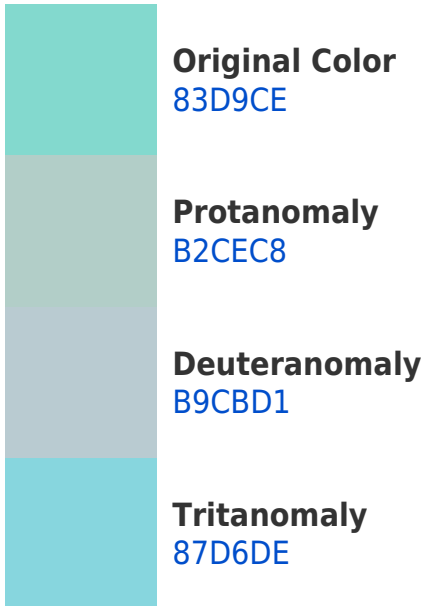
## Dichromacy



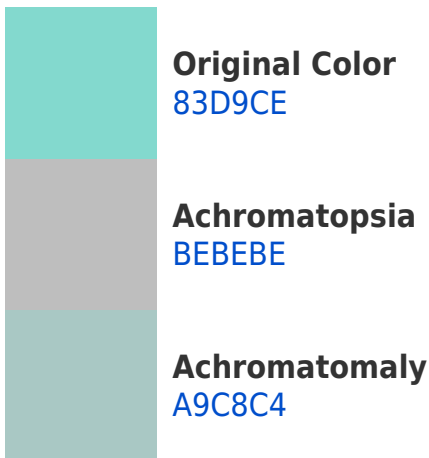


**Tritanopia**  
89D5E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83D9CE 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 #83D9CE looks like.

```
.text, #text, p{  
    color:#83D9CE  
}
```

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 #83D9CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D9CE
}
```

## Border

The CSS property to change the border of an element to Hex 83D9CE 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
#83D9CE }
```

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

```
.border{ border-color:#83D9CE }
```

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

Here you see how a box with a 4 pixel #83D9CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D9CE; -webkit-box-shadow:4px 4px  
4px 4px #83D9CE; box-shadow:4px 4px 4px  
4px #83D9CE }
```

# Background

The CSS property to change the background color of an element to Hex 83D9CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D9CE }
```

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

```
.background{ background-color:#83D9CE }
```

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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