

# Converting Colors

Hex(85C0D5)

Have a look what the booklet for  
Hex(85C0D5) contains.

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# **Color**

**Hex(85C0D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85C0D5
RGB	133, 192, 213
RGB Percent	52%, 75%, 84%
CMY	0.4784, 0.2471, 0.1647
CMYK	0.38, 0.10, 0.00, 0.16
HSL	196°, 49%, 68%
HSV	196°, 38%, 84%
XYZ	40.5327, 47.4899, 69.9810
YIQ	176.7530, -41.9050, -5.9770

# Conversions

## Conversions Part 2

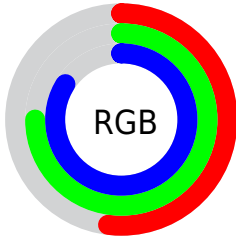
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 167, 213
Decimal	8765653
CIELab	74.50, -13.74, -16.56
CIELCh	75, 21.521, 230.308
Yxy	47.4899, 0.2565, 0.3006
Android (android.graphics.Color)	4286955733 (0xFF85C0D5)
YUV	176.7530, 17.8698, -38.3714
Hunter-Lab	68.9129, -15.6087, -11.9698

# Details

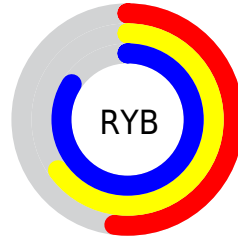
The Hex color **85C0D5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D59A85**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BDF8FF**, and **4F8A9E** is the 20% darker color. If you saturate the color by 10%, you get **70BAD5**, and if you desaturate by 10%, it is **9AC6D5**.

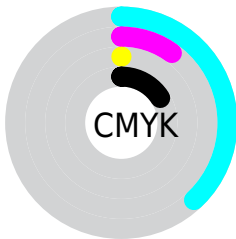
# Distribution



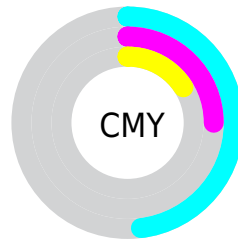
- Red (52%)
- Green (75%)
- Blue (84%)



- Red (52%)
- Yellow (65%)
- Blue (84%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (48%)
- Magenta (25%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85C0D5 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 85C0D5 by changing the saturation by 10% instead.



 85C0D5

 85C0D5

FFFFFF

 6AA5B9

 BDF8FF

 4F8A9E

 D9FFFF

 337184

 F7FFFF

 13586B

 004153

 002B3C

 001726

 000110

 000000

85C0D5

85C0D5

70BAD5

9AC6D5

5AB5D5

B0CBD5

45AFD5

C5D1D5

30AAD5

DAD6D5

1BA4D5

F0DCD5

059ED5

FFE2D5

009DD5

FFE7D5

FFEDD5

FFF2D5

# Harmonies

## Analogous

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



81C3C4



85C0D5



98BBDE

# Triad

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



85C0D5



DBAABF



B8BA92

# Complementary

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



85C0D5



D59A85

# 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.



CDB491



85C0D5



E1AAAA

# Square

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



85C0D5



CBAED1



DBAE9A



A1BF9E

# Rectangle

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



85C0D5



A9B7DE



DBAE9A



BFB890



# Sweetspot

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



85C0D5



E3F8FF



85D599



6F7B80



000000



808080

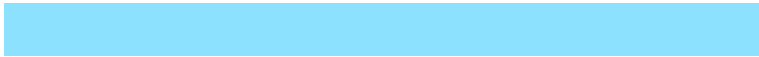


# Same Dimension

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



85C0D5



8CE1FF



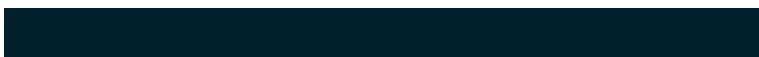
8599D5



60686B



007EAB



00202B



# Inverse Universe

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



D585C0



FF8CE1



D5C185



6B6068



AB007E

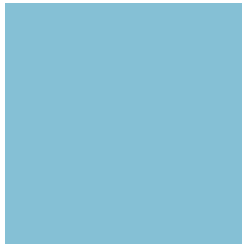


2B0020



# Previews

## White Background



This preview shows how the Hex color 85C0D5 looks on a white background.

## Color Contrast Check

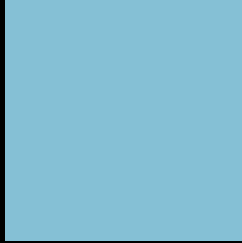
Large Text (above 18pt) WCAG AA × Fail

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 85C0D5 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 85C0D5 Background



This preview shows how black text looks on a background with the Hex color 85C0D5.

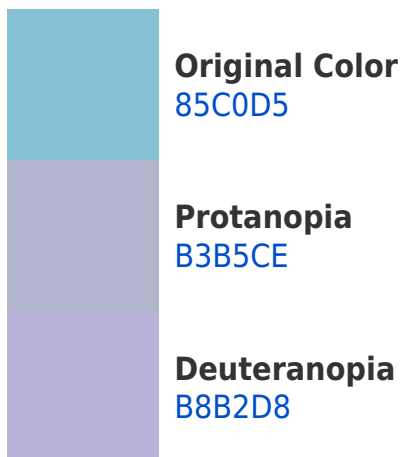


This preview shows how white text looks on a background with the Hex color 85C0D5.

# 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](#).

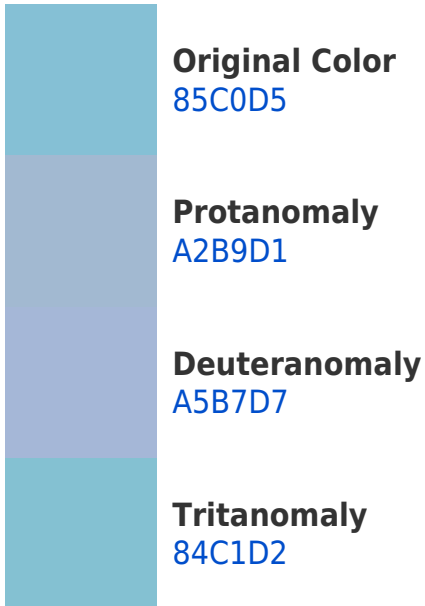
## Dichromacy



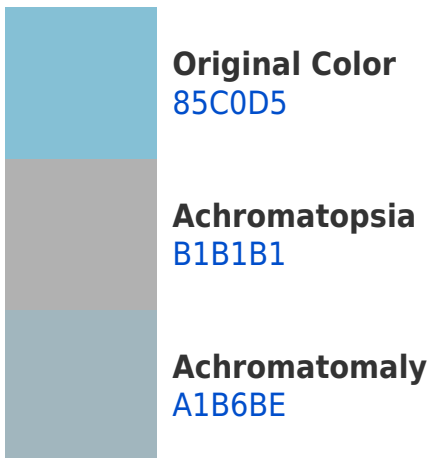


**Tritanopia**  
84C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85C0D5 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 #85C0D5 looks like.

```
.text, #text, p{  
    color:#85C0D5  
}
```

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 #85C0D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C0D5  
}
```

## Border

The CSS property to change the border of an element to Hex 85C0D5 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  
#85C0D5 }
```

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

```
.border{ border-color:#85C0D5 }
```

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

Here you see how a box with a 4 pixel #85C0D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C0D5; -webkit-box-shadow:4px 4px  
4px 4px #85C0D5; box-shadow:4px 4px 4px  
4px #85C0D5 }
```

# Background

The CSS property to change the background color of an element to Hex 85C0D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C0D5 }
```

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

```
.background{ background-color:#85C0D5 }
```

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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