

# Converting Colors

Hex(85D7EE)

Have a look what the booklet for  
Hex(85D7EE) contains.

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# **Color**

**Hex(85D7EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85D7EE
RGB	133, 215, 238
RGB Percent	52%, 84%, 93%
CMY	0.4784, 0.1569, 0.0667
CMYK	0.44, 0.10, 0.00, 0.07
HSL	193°, 76%, 73%
HSV	193°, 44%, 93%
XYZ	49.4059, 59.7605, 89.8199
YIQ	193.1040, -56.2550, -10.2310

# Conversions

## Conversions Part 2

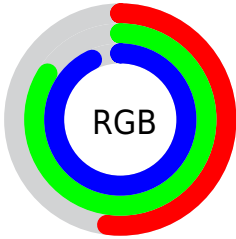
Format	Color
<a href="#">RYB</a>	<a href="#">133, 179, 238</a>
Decimal	<a href="#">8771566</a>
CIELab	<a href="#">81.71, -19.13, -19.11</a>
CIELCh	<a href="#">82, 27.041, 224.967</a>
Yxy	<a href="#">59.7605, 0.2483, 0.3003</a>
Android (android.graphics.Color)	<a href="#">4286961646</a> ( <a href="#">0xFF85D7EE</a> )
YUV	<a href="#">193.1040, 22.1337, -52.7112</a>
Hunter-Lab	<a href="#">77.3049, -21.2034, -14.7751</a>

# Details

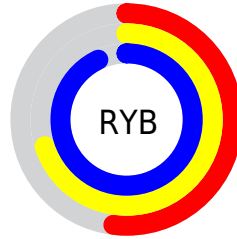
The Hex color **85D7EE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EE9C85**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BFFFFFF**, and **4BA0B6** is the 20% darker color. If you saturate the color by 10%, you get **6DD2EE**, and if you desaturate by 10%, it is **9DDCEE**.

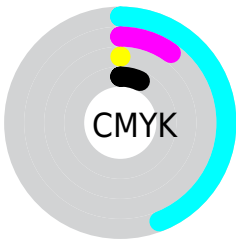
# Distribution



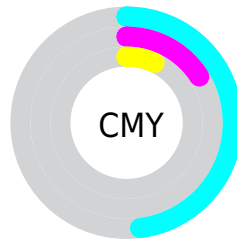
- Red (52%)
- Green (84%)
- Blue (93%)



- Red (52%)
- Yellow (70%)
- Blue (93%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (16%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85D7EE 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 85D7EE by changing the saturation by 10% instead.



 85D7EE

 85D7EE

FFFFFF

 68BBD2

 BFFFFFF

 4BA0B6

 DCFFFF

 2B869B

 FAFFFF

 006C81

 005468

 003D50

 002739

 000E23

 00000C

 85D7EE

 85D7EE

 6DD2EE

 9DDCEE

 55CDEE

 B5E1EE

 3EC7EE

 CCE7EE

 26C2EE

 E4ECEE

 0EBDEE

 FCF1EE

 00BAEE

 FFF6EE

 FFFBEE

 FFFFEE

# Harmonies

## Analogous

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



85D9D7



85D7EE



9CD1FB

# Triad

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



85D7EE



F6BAD9



D1CE9A

# Complementary

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



85D7EE



EE9C85

# 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.



EAC59B



85D7EE



FFB9BF

# Square

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



85D7EE



DFC0EF



FABDA8



B4D4A7

# Rectangle

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



85D7EE



B2CCFD



FABDA8



DACB99

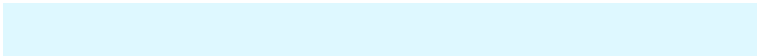


# Sweetspot

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



85D7EE



DEF8FF



85EE9C



6B7B80



000000



808080



# Same Dimension

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



85D7EE



78E1FF



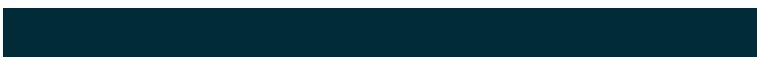
85A3EE



6C7578



008FB8



002C38



# Inverse Universe

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



EE85D7



FF78E1



EED085



786C75



B8008F

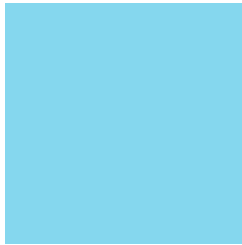


38002C



# Previews

## White Background



This preview shows how the Hex color 85D7EE looks on a white background.

## Color Contrast Check

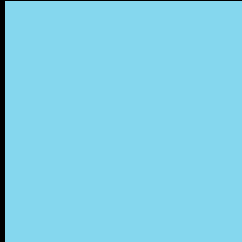
Large Text (above 18pt) WCAG AA × Fail

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 85D7EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

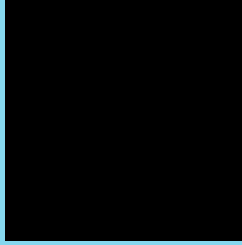
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85D7EE Background



This preview shows how black text looks on a background with the Hex color 85D7EE.

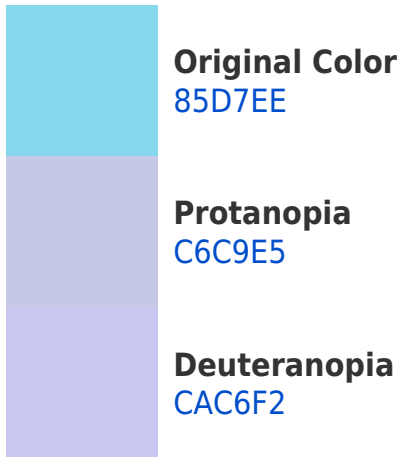


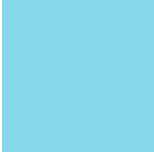
This preview shows how white text looks on a background with the Hex color 85D7EE.

# 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](#).

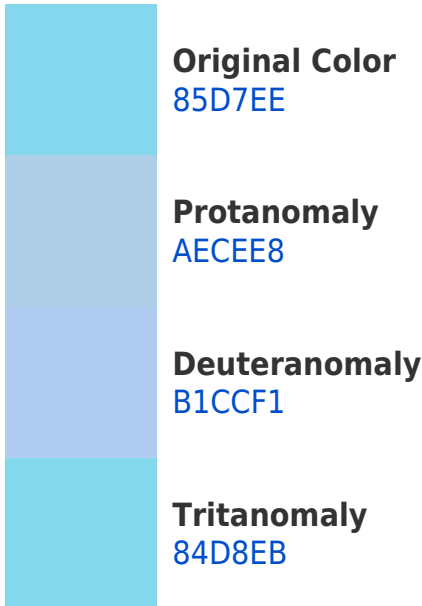
## Dichromacy



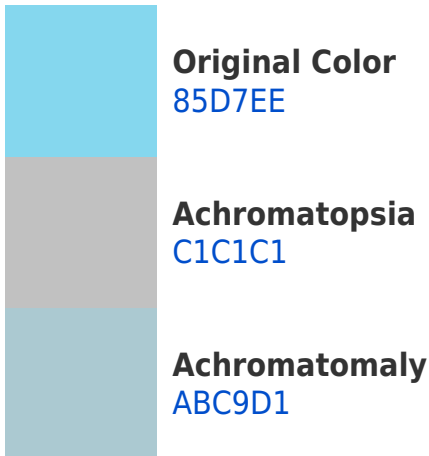


**Tritanopia**  
84D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85D7EE 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 #85D7EE looks like.

```
.text, #text, p{  
    color:#85D7EE  
}
```

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 #85D7EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D7EE
}
```

## Border

The CSS property to change the border of an element to Hex 85D7EE 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
#85D7EE }
```

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

```
.border{ border-color:#85D7EE }
```

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

Here you see how a box with a 4 pixel #85D7EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D7EE; -webkit-box-shadow:4px 4px  
4px 4px #85D7EE; box-shadow:4px 4px 4px  
4px #85D7EE }
```

# Background

The CSS property to change the background color of an element to Hex 85D7EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D7EE }
```

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

```
.background{ background-color:#85D7EE }
```

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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