

# Converting Colors

Hex(85DAEF)

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

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# **Color**

**Hex(85DAEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85DAEF
RGB	133, 218, 239
RGB Percent	52%, 85%, 94%
CMY	0.4784, 0.1451, 0.0627
CMYK	0.44, 0.09, 0.00, 0.06
HSL	192°, 77%, 73%
HSV	192°, 44%, 94%
XYZ	50.3243, 61.3613, 90.8529
YIQ	194.9790, -57.4010, -11.4890

# Conversions

## Conversions Part 2

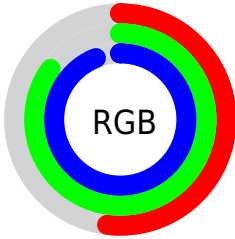
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 180, 239
Decimal	8772335
CIELab	82.57, -20.38, -18.34
CIELCh	83, 27.417, 221.971
Yxy	61.3613, 0.2485, 0.3030
Android (android.graphics.Color)	4286962415 (0xFF85DAEF)
YUV	194.9790, 21.7024, -54.3556
Hunter-Lab	78.3335, -22.4088, -13.9324

# Details

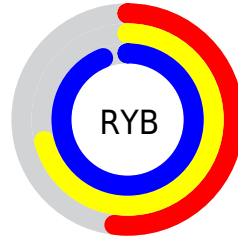
The Hex color **85DAEF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EF9A85**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BFFFFFF**, and **4BA3B7** is the 20% darker color. If you saturate the color by 10%, you get **6DD5EF**, and if you desaturate by 10%, it is **9DDFEF**.

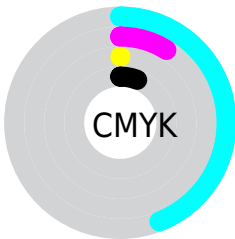
# Distribution



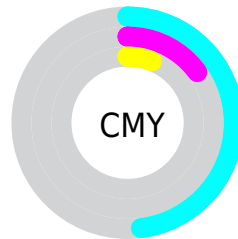
- Red (52%)
- Green (85%)
- Blue (94%)



- Red (52%)
- Yellow (71%)
- Blue (94%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (48%)
- Magenta (15%)
- Yellow (6%)

# Brightness & Saturation Gradients

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



 85DAEF

 85DAEF

FFFFFF

 68BED3


 BFFFFFF

 4BA3B7

 DCFFFF

 2A899C

 FAFFFF

 006F82

 005669

 003F51

 00293A

 001224

 00010D

 85DAEF

 85DAEF

 6DD5EF

 9DDFEF

 55D1EF

 B5E3EF

 3DCCEF

 CDE8EF

 25C7EF

 E5EDEF

 0EC2EF

 FCF2EF

 00C0EF

 FFF6EF

 FFFBEF

 FFFFEF

# Harmonies

## Analogous

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



87DCD7



85DAEF



9AD4FE

# Triad

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



85DAEF



F7BDDE



D6CF9B

# Complementary

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



85DAEF



EF9A85

# 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.



EFC79D



85DAEF



FFBBC4

# Square

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



85DAEF



DFC3F4



FEBFAC



B9D6A7

# Rectangle

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



85DAEF



B1CFFF



FEBFAC



DFCC9A

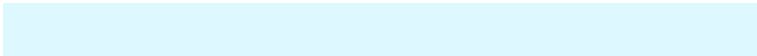


# Sweetspot

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



85DAEF



DEF8FF



85EF98



6B7B80



000000



808080

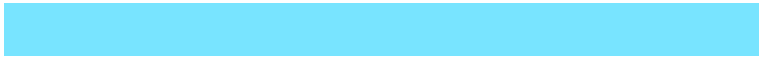


# Same Dimension

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



85DAEF



78E4FF



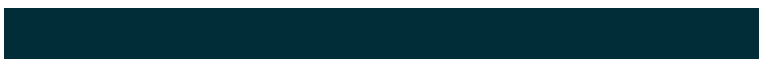
85A7EF



6C7578



0093B8



002D38



# Inverse Universe

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



EF85DA



FF78E4



EFC885



786C75



B80093

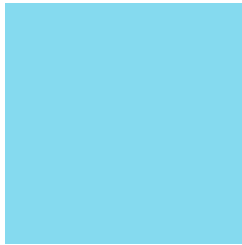


38002D



# Previews

## White Background



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

## Color Contrast Check

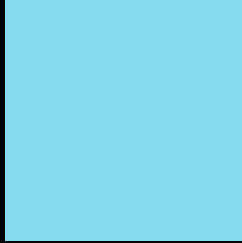
Large Text (above 18pt) WCAG AA × Fail

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 85DAEF 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 85DAEF Background



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

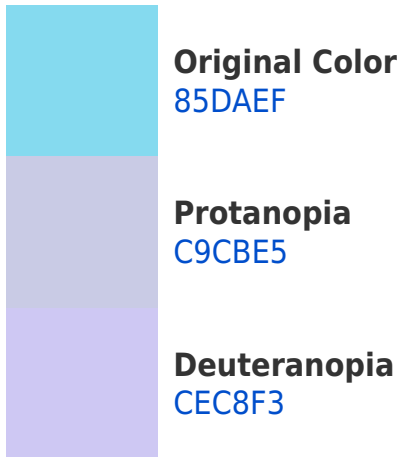


This preview shows how white text looks on a background with the Hex color 85DAEF.

# 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](#).

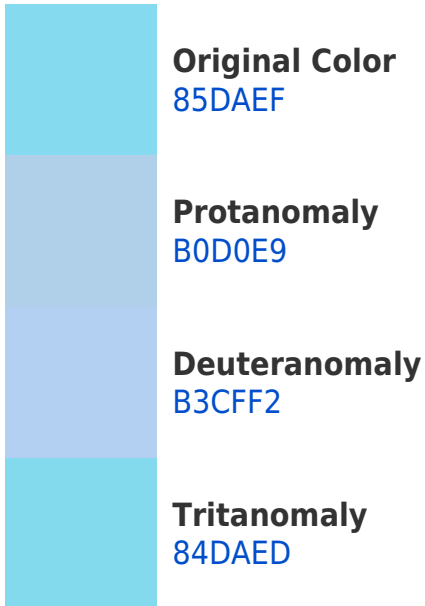
## Dichromacy



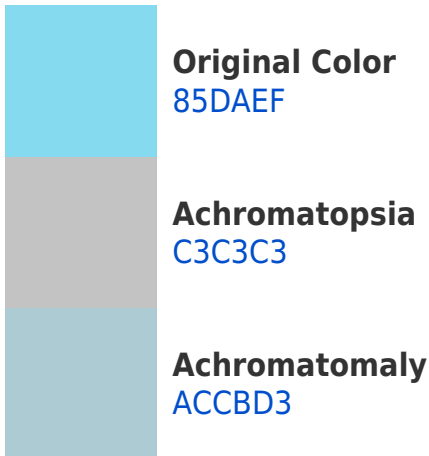


**Tritanopia**  
84DAEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #85DAEF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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