

Converting Colors

Hex(85DEE5)

Have a look what the booklet for
Hex(85DEE5) contains.

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Color

Hex(85DEE5)

Conversions

Conversions Part 1

Format	Color
Hex	85DEE5
RGB	133, 222, 229
RGB Percent	52%, 87%, 90%
CMY	0.4784, 0.1294, 0.1020
CMYK	0.42, 0.03, 0.00, 0.10
HSL	184°, 65%, 71%
HSV	184°, 42%, 90%
XYZ	49.9370, 62.8862, 83.6350
YIQ	196.1870, -55.2910, -16.6910

Conversions

Conversions Part 2

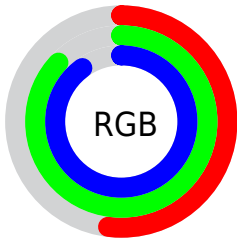
Format	Color
RYB	133, 179, 229
Decimal	8773349
CIELab	83.38, -24.92, -11.81
CIELCh	83, 27.574, 205.370
Yxy	62.8862, 0.2542, 0.3201
Android (android.graphics.Color)	4286963429 (0xFF85DEE5)
YUV	196.1870, 16.1768, -55.4150
Hunter-Lab	79.3008, -26.3722, -7.0199

Details

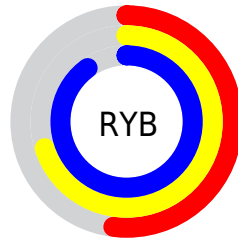
The Hex color **85DEE5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E58C85**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BEFFFF**, and **4BA7AE** is the 20% darker color. If you saturate the color by 10%, you get **6EDCE5**, and if you desaturate by 10%, it is **9CE0E5**.

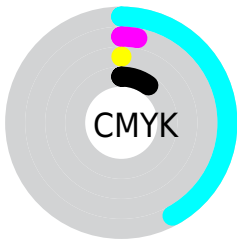
Distribution



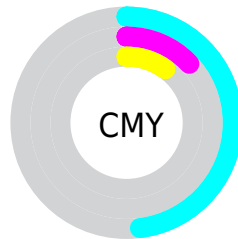
- Red (52%)
- Green (87%)
- Blue (90%)



- Red (52%)
- Yellow (70%)
- Blue (90%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (48%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85DEE5 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 85DEE5 by changing the saturation by 10% instead.

 85DEE5

 85DEE5

FFFFFF

 68C2C9

 BEFFFF

 4BA7AE

 DCFFFF

 2B8C93

 F9FFFF

 007279

 005960

 004249

 002B32

 00151D

 000001

85DEE5

85DEE5

6EDCE5

9CE0E5

57DBE5

B3E1E5

40D9E5

CAE3E5

29D7E5

E1E5E5

13D6E5

F8E6E5

00D4E5

FFE8E5

FFEA E5

FFEB E5

FFED E5

Harmonies

Analogous

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



93DECB



85DEE5



8EDAFA

Triad

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



85DEE5



EDC2EE



E7CD9C

Complementary

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



85DEE5



E58C85

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.



FBC4A6



85DEE5



FFBDD5

Square

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



85DEE5



CFCBFE



FFBEBB



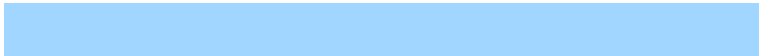
CCD5A1

Rectangle

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



85DEE5



A0D6FF



FFBEBB



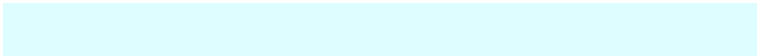
EFCA9E

Sweetspot

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



85DEE5



DEFDFF



85E58B



6B7E80



000000



808080

Same Dimension

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



85DEE5



80F6FF



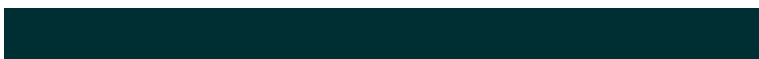
85AFE5



677273



00A5B3



002F33

Inverse Universe

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



E585DE



FF80F6



E5BB85



736772



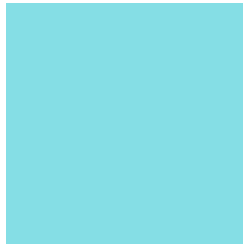
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 85DEE5 looks on a white background.

Color Contrast Check

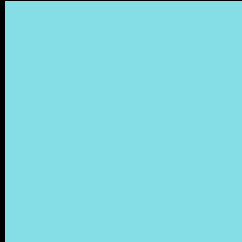
Large Text (above 18pt) WCAG AA × Fail

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 85DEE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

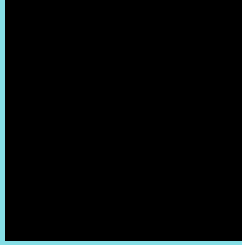
Any Text WCAG AA ✓ Pass

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 85DEE5 Background



This preview shows how black text looks on a background with the Hex color 85DEE5.

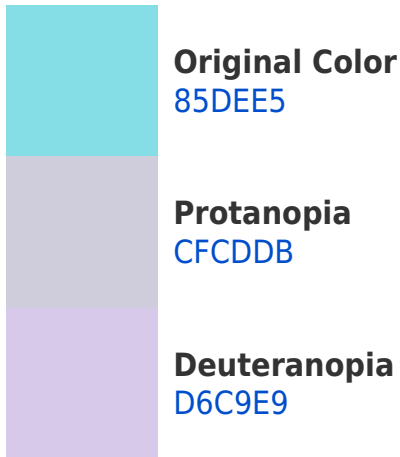


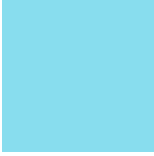
This preview shows how white text looks on a background with the Hex color 85DEE5.

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](#).

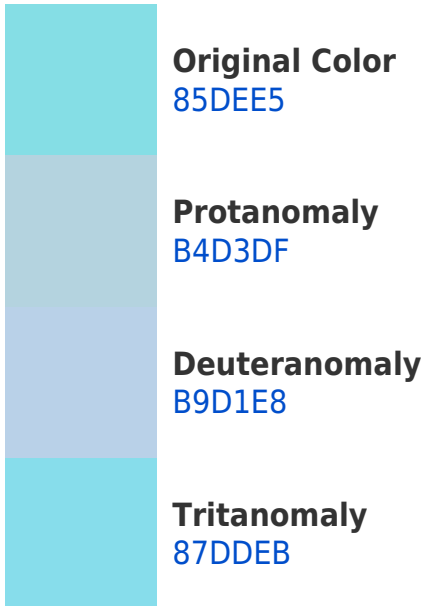
Dichromacy



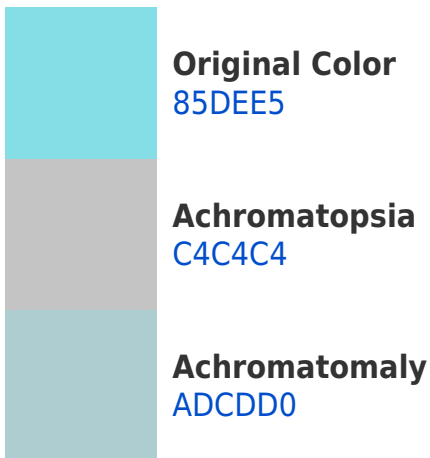


Tritanopia
88DDEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85DEE5 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 #85DEE5 looks like.

```
.text, #text, p{  
    color:#85DEE5  
}
```

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 #85DEE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85DEE5  
}
```

Border

The CSS property to change the border of an element to Hex 85DEE5 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  
#85DEE5 }
```

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

```
.border{ border-color:#85DEE5 }
```

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

Here you see how a box with a 4 pixel #85DEE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85DEE5; -webkit-box-shadow:4px 4px  
4px 4px #85DEE5; box-shadow:4px 4px 4px  
4px #85DEE5 }
```

Background

The CSS property to change the background color of an element to Hex 85DEE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85DEE5 }
```

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

```
.background{ background-color:#85DEE5 }
```

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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