

Converting Colors

Hex(85D7EA)

Have a look what the booklet for
Hex(85D7EA) contains.

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Color

Hex(85D7EA)

Conversions

Conversions Part 1

Format	Color
Hex	85D7EA
RGB	133, 215, 234
RGB Percent	52%, 84%, 92%
CMY	0.4784, 0.1569, 0.0824
CMYK	0.43, 0.08, 0.00, 0.08
HSL	191°, 71%, 72%
HSV	191°, 43%, 92%
XYZ	48.8246, 59.5279, 86.7586
YIQ	192.6480, -54.9710, -11.4750

Conversions

Conversions Part 2

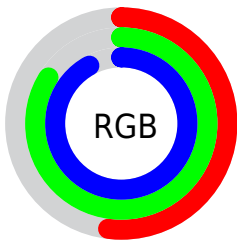
Format	Color
RYB	133, 178, 234
Decimal	8771562
CIELab	81.58, -20.17, -17.17
CIElCh	82, 26.489, 220.414
Yxy	59.5279, 0.2502, 0.3051
Android (android.graphics.Color)	4286961642 (0xFF85D7EA)
YUV	192.6480, 20.3865, -52.3113
Hunter-Lab	77.1543, -22.0623, -12.6624

Details

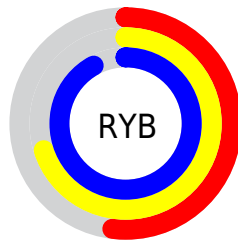
The Hex color **85D7EA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EA9885**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **BEFFFF**, and **4CA0B2** is the 20% darker color. If you saturate the color by 10%, you get **6ED3EA**, and if you desaturate by 10%, it is **9CDBEA**.

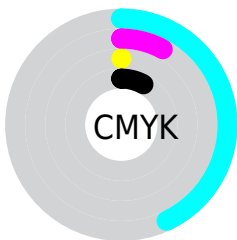
Distribution



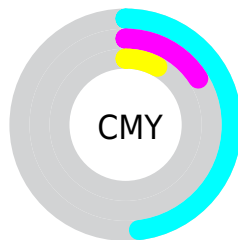
- Red (52%)
- Green (84%)
- Blue (92%)



- Red (52%)
- Yellow (70%)
- Blue (92%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (48%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D7EA 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 85D7EA by changing the saturation by 10% instead.

 85D7EA

 85D7EA

FFFFFF

 69BBCE

 BEFFFF

 4CA0B2

 DCFFFF

 2C8698

 F9FFFF

 006C7E

 005465

 003C4D

 002636

 000D21

 000006

85D7EA

85D7EA

6ED3EA

9CDBEA

56CEEA

B4E0EA

3FCAEA

CBE4EA

27C5EA

E3E9EA

10C1EA

FAEDEA

00BEEA

FFF1EA

FFF6EA

FFFAEA

FFFFEA

Harmonies

Analogous

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



88D9D3



85D7EA



98D2F9

Triad

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



85D7EA



F2BBDC



D4CC9A

Complementary

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



85D7EA



EA9885

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.



ECC49D



85D7EA



FDB9C3

Square

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



85D7EA



DAC1F1



FBBCAC



B9D3A4

Rectangle

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



85D7EA



ADCDFC



FBBCAC



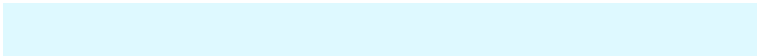
DDC999

Sweetspot

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



85D7EA



DEF9FF



85EA98



6B7C80



000000



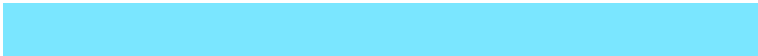
808080

Same Dimension

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



85D7EA



7AE6FF



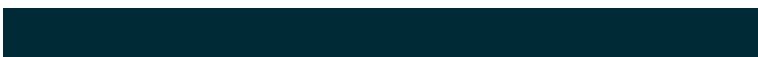
85A5EA



6A7375



0093B5



002B36

Inverse Universe

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



EA85D7



FF7AE6



EACA85



756A73



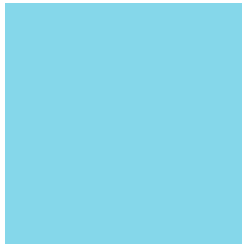
B50093



36002B

Previews

White Background



This preview shows how the Hex color 85D7EA looks on a white background.

Color Contrast Check

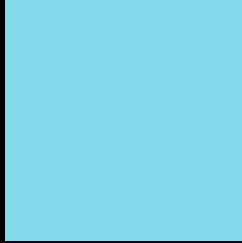
Large Text (above 18pt) WCAG AA × Fail

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 85D7EA 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 85D7EA Background



This preview shows how black text looks on a background with the Hex color 85D7EA.

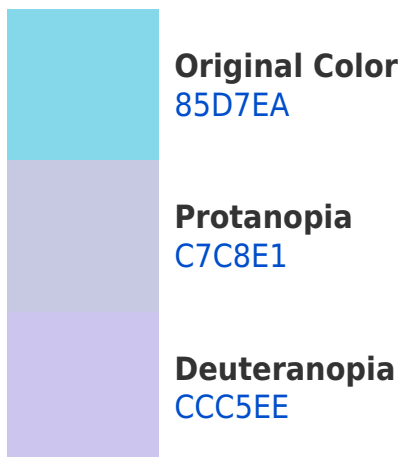


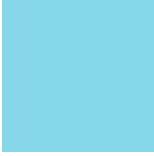
This preview shows how white text looks on a background with the Hex color 85D7EA.

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](#).

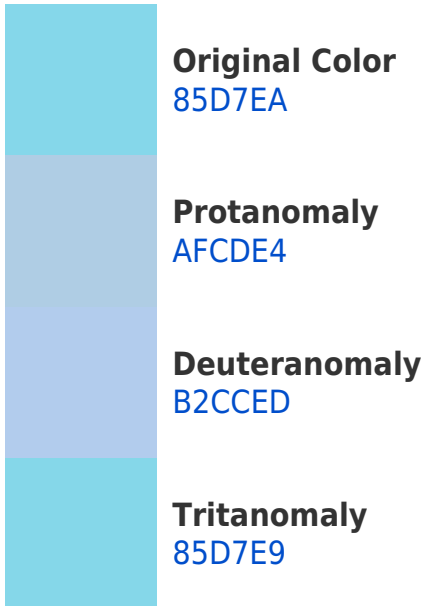
Dichromacy



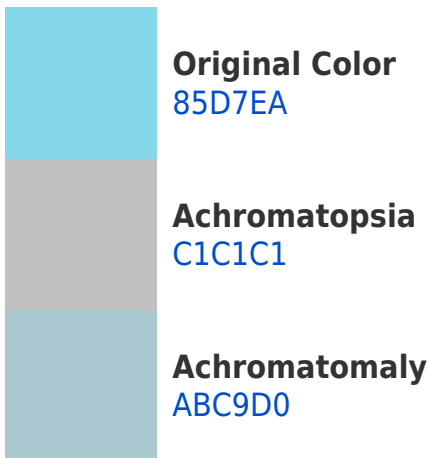


Tritanopia
85D7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85D7EA 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 #85D7EA looks like.

```
.text, #text, p{  
    color:#85D7EA  
}
```

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 #85D7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D7EA
}
```

Border

The CSS property to change the border of an element to Hex 85D7EA 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
#85D7EA }
```

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

```
.border{ border-color:#85D7EA }
```

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

Here you see how a box with a 4 pixel #85D7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D7EA; -webkit-box-shadow:4px 4px  
4px 4px #85D7EA; box-shadow:4px 4px 4px  
4px #85D7EA }
```

Background

The CSS property to change the background color of an element to Hex 85D7EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D7EA }
```

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

```
.background{ background-color:#85D7EA }
```

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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