

# Converting Colors

Hex(85D5E8)

Have a look what the booklet for  
Hex(85D5E8) contains.

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**Color**

**Hex(85D5E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85D5E8
RGB	133, 213, 232
RGB Percent	52%, 84%, 91%
CMY	0.4784, 0.1647, 0.0902
CMYK	0.43, 0.08, 0.00, 0.09
HSL	192°, 68%, 72%
HSV	192°, 43%, 91%
XYZ	48.0326, 58.4012, 85.0849
YIQ	191.2460, -53.7790, -11.0510

# Conversions

## Conversions Part 2

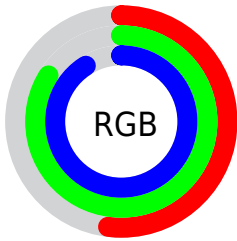
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 177, 232
Decimal	8771048
CIELab	80.96, -19.67, -17.04
CIELCh	81, 26.029, 220.898
Yxy	58.4012, 0.2508, 0.3049
Android (android.graphics.Color)	4286961128 (0xFF85D5E8)
YUV	191.2460, 20.0917, -51.0817
Hunter-Lab	76.4207, -21.5439, -12.5175

# Details

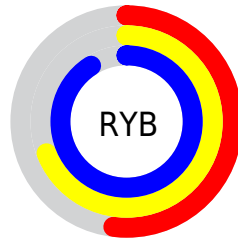
The Hex color **85D5E8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E89885**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BEFFFF**, and **4C9EB0** is the 20% darker color. If you saturate the color by 10%, you get **6ED1E8**, and if you desaturate by 10%, it is **9CD9E8**.

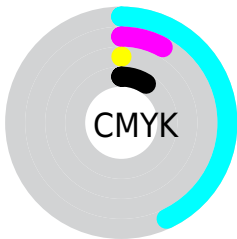
# Distribution



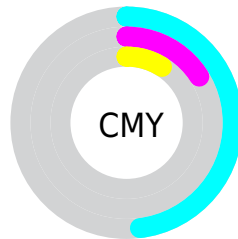
- Red (52%)
- Green (84%)
- Blue (91%)



- Red (52%)
- Yellow (69%)
- Blue (91%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85D5E8 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 85D5E8 by changing the saturation by 10% instead.



 85D5E8

 85D5E8

FFFFFF

 69B9CC

 BEFFFF

 4C9EB0

 DBFFFF

 2D8496


 F9FFFF

 006B7C

 005263

 003B4B

 002534

 00081F

 000004

 85D5E8

 85D5E8

 6ED1E8

 9CD9E8

 57CCE8


 B3DEE8

 3FC8E8

 CBE2E8

 28C3E8

 E2E7E8

 11BFE8

 F9EBE8

 00BBE8

 FFF0E8

 FFF4E8

 FFF9E8

 FFFDE8

# Harmonies

## Analogous

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



88D7D1



85D5E8



98D0F6

# Triad

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



85D5E8



F0B9DA



D2CA99

# Complementary

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



85D5E8



E89885

# 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.



E9C29C



85D5E8



FBB8C1

# Square

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



85D5E8



D8C0EE



F8BBAA



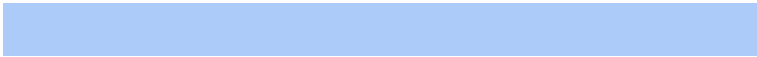
B7D1A4

# Rectangle

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



85D5E8



ADCBF9



F8BBAA



DBC898

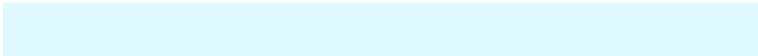


# Sweetspot

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



85D5E8



DEF9FF



85E897



6B7C80



000000



808080



# Same Dimension

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



85D5E8



7DE6FF



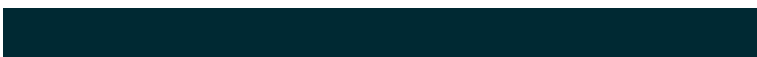
85A4E8



677173



0090B3



002933



# Inverse Universe

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



E885D5



FF7DE6



E8C985



736771



B30090

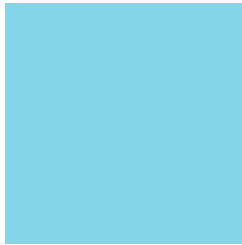


330029



# Previews

## White Background



This preview shows how the Hex color 85D5E8 looks on a white background.

## Color Contrast Check

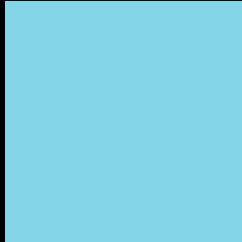
Large Text (above 18pt) WCAG AA × Fail

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 85D5E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

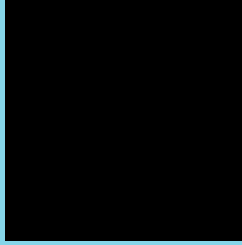
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85D5E8 Background



This preview shows how black text looks on a background with the Hex color 85D5E8.

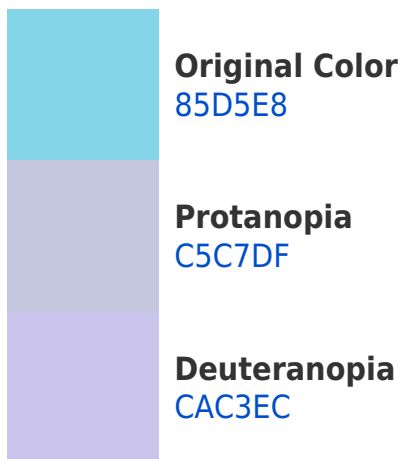


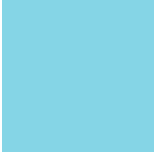
This preview shows how white text looks on a background with the Hex color 85D5E8.

# 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](#).

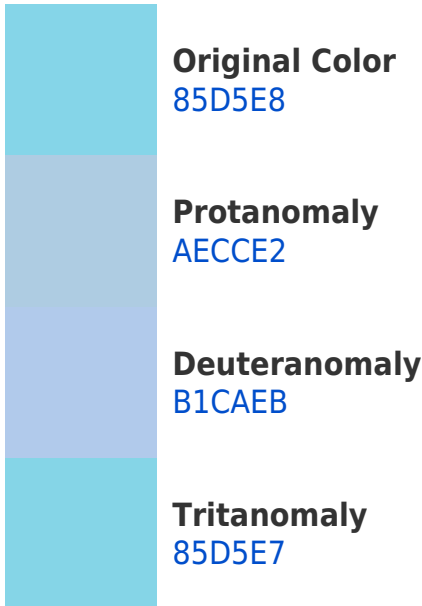
## Dichromacy



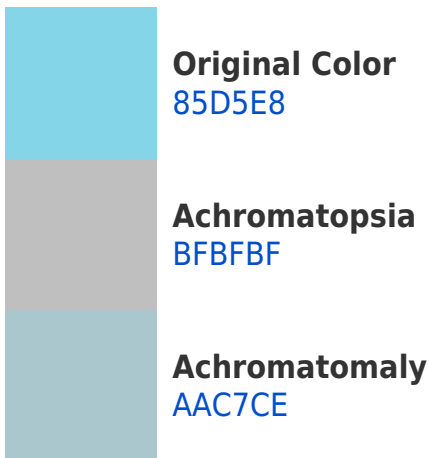


**Tritanopia**  
85D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85D5E8 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 #85D5E8 looks like.

```
.text, #text, p{  
    color:#85D5E8  
}
```

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 #85D5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D5E8  
}
```

## Border

The CSS property to change the border of an element to Hex 85D5E8 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  
#85D5E8 }
```

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

```
.border{ border-color:#85D5E8 }
```

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

Here you see how a box with a 4 pixel #85D5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D5E8; -webkit-box-shadow:4px 4px  
4px 4px #85D5E8; box-shadow:4px 4px 4px  
4px #85D5E8 }
```

# Background

The CSS property to change the background color of an element to Hex 85D5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D5E8 }
```

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

```
.background{ background-color:#85D5E8 }
```

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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