

# Converting Colors

Hex(85D0E4)

Have a look what the booklet for  
Hex(85D0E4) contains.

<b>Hex(85D0E4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(85D0E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85D0E4
RGB	133, 208, 228
RGB Percent	52%, 82%, 89%
CMY	0.4784, 0.1843, 0.1059
CMYK	0.42, 0.09, 0.00, 0.11
HSL	193°, 64%, 71%
HSV	193°, 42%, 89%
XYZ	46.2323, 55.6997, 81.7132
YIQ	187.8550, -51.1200, -9.6800

# Conversions

## Conversions Part 2

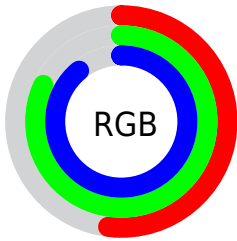
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 175, 228
Decimal	8769764
CIELab	79.44, -18.17, -17.19
CIELCh	79, 25.013, 223.423
Yxy	55.6997, 0.2517, 0.3033
Android (android.graphics.Color)	4286959844 (0xFF85D0E4)
YUV	187.8550, 19.7915, -48.1078
Hunter-Lab	74.6323, -20.0313, -12.6727

# Details

The Hex color **85D0E4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E49985**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BEFFFF**, and **4D9AAD** is the 20% darker color. If you saturate the color by 10%, you get **6ECBE4**, and if you desaturate by 10%, it is **9CD5E4**.

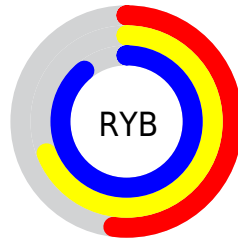
# Distribution



Red (52%)

Green (82%)

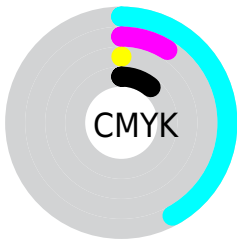
Blue (89%)



Red (52%)

Yellow (69%)

Blue (89%)

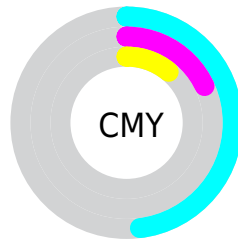


Cyan (42%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (48%)

Magenta (18%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85D0E4 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 85D0E4 by changing the saturation by 10% instead.



 85D0E4

 85D0E4

FFFFFF

 69B4C8

 BEFFFF

 4D9AAD

 DBFFFF

 2E7F92

 F8FFFF

 006678

 004E5F

 003748

 002231

 00021D

 000000

85D0E4

85D0E4

6ECBE4

9CD5E4

57C6E4

B3DAE4

41C2E4

C9DEE4

2ABDE4

E0E3E4

13B8E4

F7E8E4

00B4E4

FFEDE4

FFF2E4

FFF6E4

FFFB E4

# Harmonies

## Analogous

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



86D2CF



85D0E4



99CBF1

# Triad

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



85D0E4



EBB6D3



CCC797

# Complementary

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



85D0E4



E49985

# 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.



E2BF99



85D0E4



F5B4BB

# Square

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



85D0E4



D6BBE7



F1B8A6



B1CDA2

# Rectangle

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



85D0E4



ADC6F3



F1B8A6



D4C496

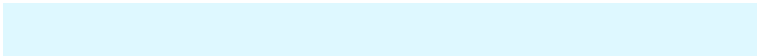


# Sweetspot

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



85D0E4



DEF8FF



85E498



6B7B80



000000



808080



# Same Dimension

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



85D0E4



80E4FF



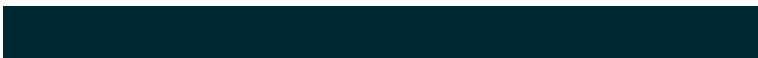
85A2E4



677073



008DB3



002833



# Inverse Universe

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



E485D0



FF80E4



E4C885



736770



B3008D

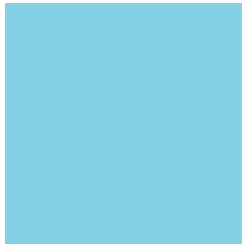


330028



# Previews

## White Background



This preview shows how the Hex color 85D0E4 looks on a white background.

## Color Contrast Check

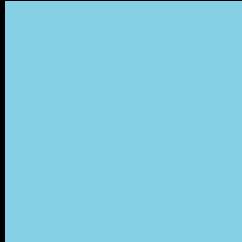
Large Text (above 18pt) WCAG AA × Fail

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 85D0E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

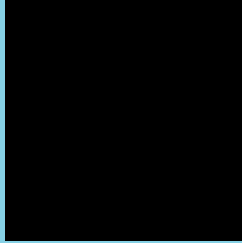
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85D0E4 Background



This preview shows how black text looks on a background with the Hex color 85D0E4.

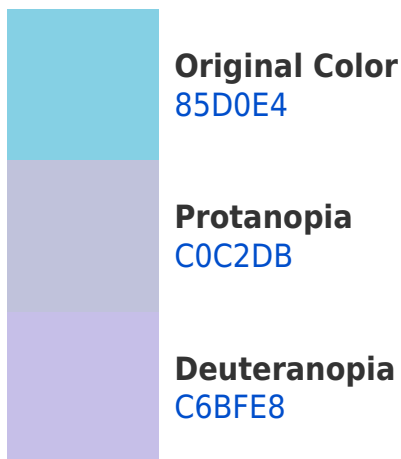


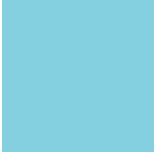
This preview shows how white text looks on a background with the Hex color 85D0E4.

# 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](#).

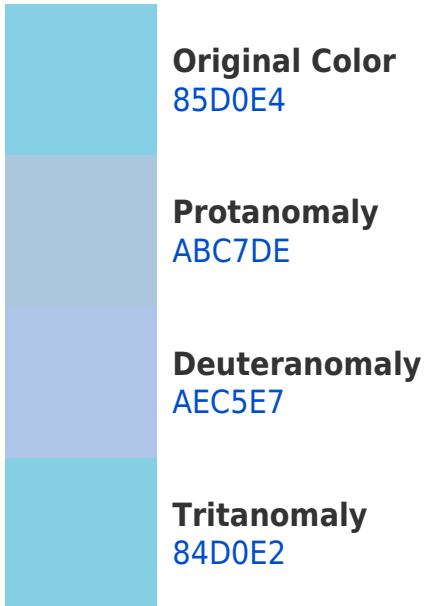
## Dichromacy



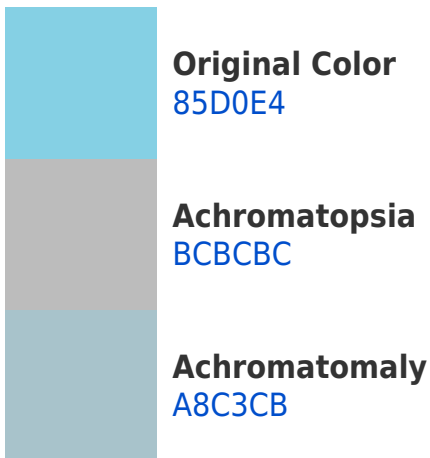


**Tritanopia**  
84D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85D0E4 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 #85D0E4 looks like.

```
.text, #text, p{  
    color:#85D0E4  
}
```

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 #85D0E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D0E4
}
```

## Border

The CSS property to change the border of an element to Hex 85D0E4 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
#85D0E4 }
```

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

```
.border{ border-color:#85D0E4 }
```

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

Here you see how a box with a 4 pixel #85D0E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D0E4; -webkit-box-shadow:4px 4px  
4px 4px #85D0E4; box-shadow:4px 4px 4px  
4px #85D0E4 }
```

# Background

The CSS property to change the background color of an element to Hex 85D0E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D0E4 }
```

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

```
.background{ background-color:#85D0E4 }
```

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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