

# Converting Colors

Hex(85C4D8)

Have a look what the booklet for  
Hex(85C4D8) contains.

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# Color

**Hex(85C4D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85C4D8
RGB	133, 196, 216
RGB Percent	52%, 77%, 85%
CMY	0.4784, 0.2314, 0.1529
CMYK	0.38, 0.09, 0.00, 0.15
HSL	194°, 52%, 68%
HSV	194°, 38%, 85%
XYZ	41.8075, 49.4243, 72.3021
YIQ	179.4430, -43.9680, -7.1360

# Conversions

## Conversions Part 2

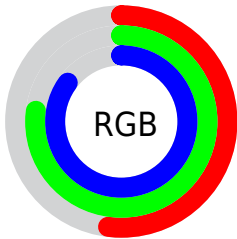
Format	Color
R <sub>YB</sub>	133, 169, 216
Decimal	8766680
CIE Lab	75.71, -15.07, -16.36
CIE LCh	76, 22.238, 227.353
Yxy	49.4243, 0.2557, 0.3022
Android (android.graphics.Color)	4286956760 (0xFF85C4D8)
YUV	179.4430, 18.0226, -40.7305
Hunter-Lab	70.3024, -16.8787, -11.7648

# Details

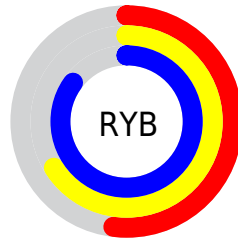
The Hex color **85C4D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D89985**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BDFDFF**, and **4E8EA1** is the 20% darker color. If you saturate the color by 10%, you get **6FBFD8**, and if you desaturate by 10%, it is **9BC9D8**.

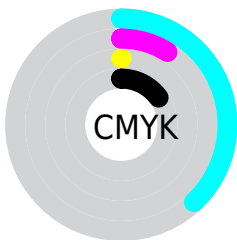
# Distribution



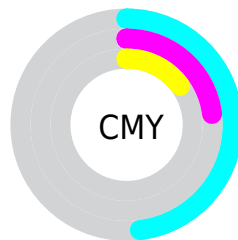
- Red (52%)
- Green (77%)
- Blue (85%)



- Red (52%)
- Yellow (66%)
- Blue (85%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (48%)
- Magenta (23%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85C4D8 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 85C4D8 by changing the saturation by 10% instead.



 85C4D8

 85C4D8

FFFFFF

 6AA9BC

 BDFDFF

 4E8EA1

 DAFFFF

 327587

 F7FFFF

 105C6E

 004455

 002E3E

 001A28

 000113

 000000

 85C4D8

 85C4D8

 6FBFD8

 9BC9D8

 5ABAD8

 B0CED8

 44B4D8

 C6D4D8

 2FAFD8

 DBD9D8

 19AAD8

 F1DED8

 03A5D8

 FFE3D8

 00A4D8

 FFE8D8

 FFEED8

 FFF3D8

# Harmonies

## Analogous

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



83C6C6



85C4D8



98BFE2

# Triad

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



85C4D8



DEADC4



BEBD93

# Complementary

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



85C4D8



D89985

# 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.



D2B693



85C4D8



E5ACAF

# Square

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



85C4D8



CCB1D7



E1B09D



A6C39E

# Rectangle

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



85C4D8



A9BBE3



E1B09D



C5BB92



# Sweetspot

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



85C4D8



E0F8FF



85D898



6E7B80



000000



808080

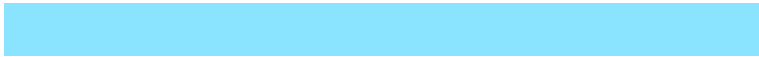


# Same Dimension

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



85C4D8



8AE3FF



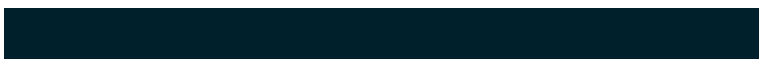
859BD8



60696B



0082AB



00212B



# Inverse Universe

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



D885C4



FF8AE3



D8C285



6B6069



AB0082

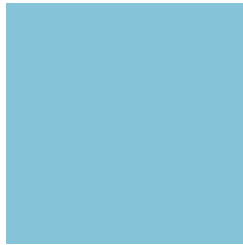


2B0021



# Previews

## White Background



This preview shows how the Hex color 85C4D8 looks on a white background.

## Color Contrast Check

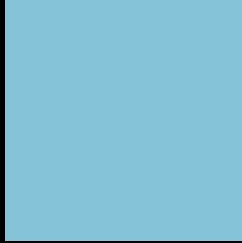
Large Text (above 18pt) WCAG AA × Fail

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 85C4D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

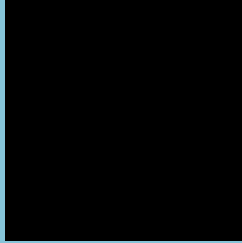
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85C4D8 Background



This preview shows how black text looks on a background with the Hex color 85C4D8.

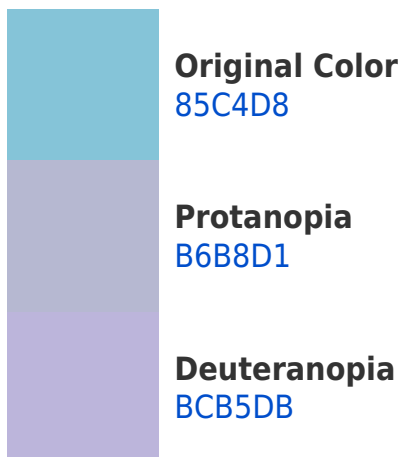


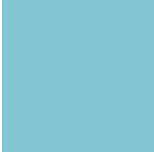
This preview shows how white text looks on a background with the Hex color 85C4D8.

# 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](#).

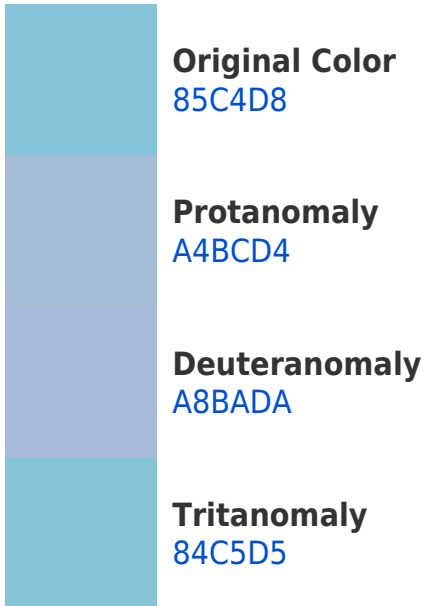
## Dichromacy



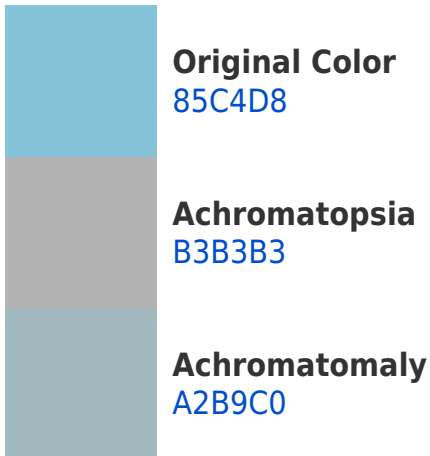


**Tritanopia**  
84C5D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85C4D8 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 #85C4D8 looks like.

```
.text, #text, p{  
    color:#85C4D8  
}
```

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 #85C4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C4D8
}
```

## Border

The CSS property to change the border of an element to Hex 85C4D8 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
#85C4D8 }
```

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

```
.border{ border-color:#85C4D8 }
```

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

Here you see how a box with a 4 pixel #85C4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C4D8; -webkit-box-shadow:4px 4px  
4px 4px #85C4D8; box-shadow:4px 4px 4px  
4px #85C4D8 }
```

# Background

The CSS property to change the background color of an element to Hex 85C4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C4D8 }
```

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

```
.background{ background-color:#85C4D8 }
```

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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