

# Converting Colors

Hex(85D4CC)

Have a look what the booklet for  
Hex(85D4CC) contains.

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**Color**

**Hex(85D4CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85D4CC
RGB	133, 212, 204
RGB Percent	52%, 83%, 80%
CMY	0.4784, 0.1686, 0.2000
CMYK	0.37, 0.00, 0.04, 0.17
HSL	174°, 48%, 68%
HSV	174°, 37%, 83%
XYZ	44.1154, 56.4331, 65.6943
YIQ	187.4670, -44.5160, -19.2360

# Conversions

## Conversions Part 2

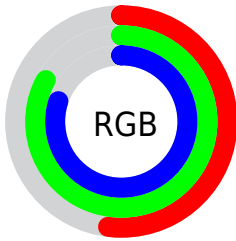
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 175, 212
Decimal	8770764
CIELab	79.86, -26.06, -3.72
CIELCh	80, 26.326, 188.133
Yxy	56.4331, 0.2654, 0.3395
Android (android.graphics.Color)	4286960844 (0xFF85D4CC)
YUV	187.4670, 8.1508, -47.7676
Hunter-Lab	75.1220, -26.6393, 0.7362

# Details

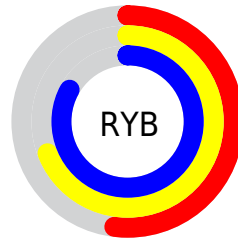
The Hex color **85D4CC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D4858D**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BDFFFF**, and **4E9D96** is the 20% darker color. If you saturate the color by 10%, you get **70D4CA**, and if you desaturate by 10%, it is **9AD4CE**.

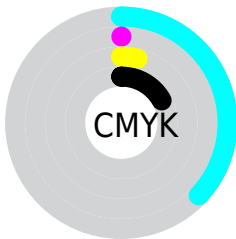
# Distribution



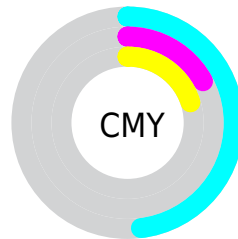
- Red (52%)
- Green (83%)
- Blue (80%)



- Red (52%)
- Yellow (69%)
- Blue (83%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (48%)
- Magenta (17%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85D4CC 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 85D4CC by changing the saturation by 10% instead.



 85D4CC

 85D4CC

FFFFFF

 6AB8B1

 BDFFFF

 4E9D96

 DAFFFF

 32837C

 F7FFFF

 0E6963

 00514B

 003935

 002420

 000008

 000000

 85D4CC

 85D4CC

 70D4CA

 9AD4CE

 5BD4C8

 AFD4D0

 45D4C6

 C5D4D2

 30D4C3

 DAD4D5

 1BD4C1

 EFD4D7

 06D4BF

 FFD4D9

 00D4BF

 FFD4DB

 FFD4DD

 FFD4DF

# Harmonies

## Analogous

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



9AD2B3



85D4CC



80D2E3

# Triad

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



85D4CC



D2BDED



E8BE99

# Complementary

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



85D4CC



D4858D

# 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.



F6B7A9



85D4CC



EBB7D9

# Square

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



85D4CC



B2C6F6



F8B4C0



D1C795

# Rectangle

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



85D4CC



8ACFEF



F8B4C0



EEBC9D

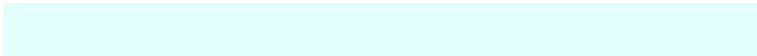


# Sweetspot

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



85D4CC



E3FFFC



8ED485



6F807E



000000



808080

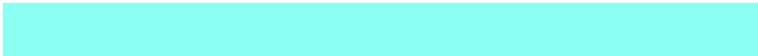


# Same Dimension

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



85D4CC



8CFFF3



85B6D4



606B6A



00AB9A



002B27



# Inverse Universe

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



D4858D



FF8C98



D4A385



6B6061



AB0011

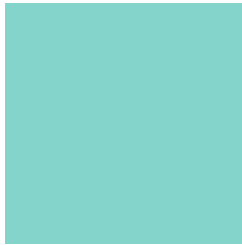


2B0004



# Previews

## White Background



This preview shows how the Hex color 85D4CC looks on a white background.

## Color Contrast Check

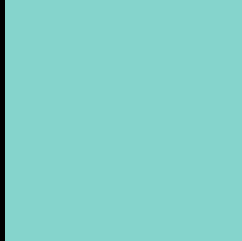
Large Text (above 18pt) WCAG AA × Fail

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 85D4CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

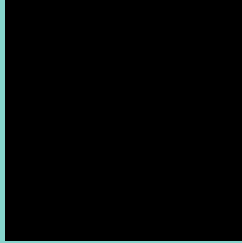
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

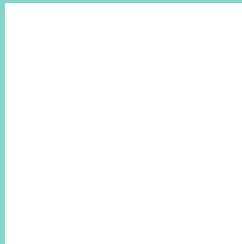
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85D4CC Background



This preview shows how black text looks on a background with the Hex color 85D4CC.

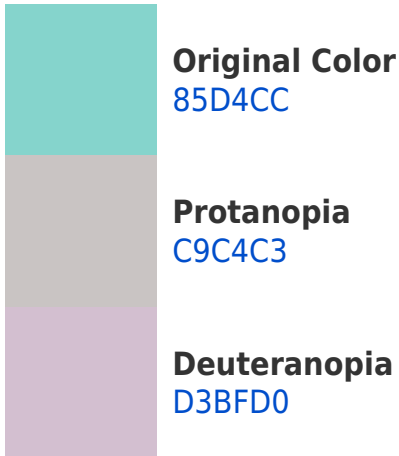


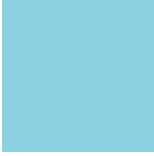
This preview shows how white text looks on a background with the Hex color 85D4CC.

# 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**  
8BD1E2

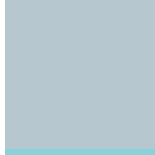
# Trichromacy



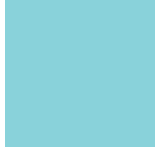
**Original Color**  
85D4CC



**Protanomaly**  
B0CAC6



**Deuteranomaly**  
B7C7CF

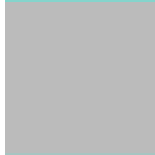


**Tritanomaly**  
89D2DA

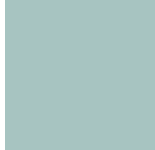
# Monochromacy



**Original Color**  
85D4CC



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
A7C4C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85D4CC 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 #85D4CC looks like.

```
.text, #text, p{  
    color:#85D4CC  
}
```

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 #85D4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D4CC  
}
```

## Border

The CSS property to change the border of an element to Hex 85D4CC 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  
#85D4CC }
```

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

```
.border{ border-color:#85D4CC }
```

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

Here you see how a box with a 4 pixel #85D4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D4CC; -webkit-box-shadow:4px 4px  
4px 4px #85D4CC; box-shadow:4px 4px 4px  
4px #85D4CC }
```

# Background

The CSS property to change the background color of an element to Hex 85D4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D4CC }
```

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

```
.background{ background-color:#85D4CC }
```

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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