

Converting Colors

Hex(85D1CF)

Have a look what the booklet for
Hex(85D1CF) contains.

Hex(85D1CF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85D1CF)

Conversions

Conversions Part 1

Format	Color
Hex	85D1CF
RGB	133, 209, 207
RGB Percent	52%, 82%, 81%
CMY	0.4784, 0.1804, 0.1882
CMYK	0.36, 0.00, 0.01, 0.18
HSL	178°, 45%, 67%
HSV	178°, 36%, 82%
XYZ	43.7358, 55.0925, 67.3603
YIQ	186.0480, -44.6540, -16.7340

Conversions

Conversions Part 2

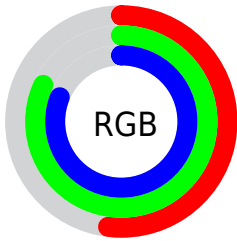
Format	Color
RYB	133, 172, 209
Decimal	8769999
CIELab	79.09, -23.88, -6.46
CIElCh	79, 24.735, 195.140
Yxy	55.0925, 0.2632, 0.3315
Android (android.graphics.Color)	4286960079 (0xFF85D1CF)
YUV	186.0480, 10.3293, -46.5231
Hunter-Lab	74.2243, -24.7135, -1.8500

Details

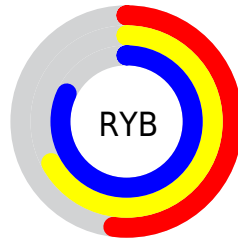
The Hex color **85D1CF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D18587**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BDFFFF**, and **4E9A99** is the 20% darker color. If you saturate the color by 10%, you get **70D1CE**, and if you desaturate by 10%, it is **9AD1D0**.

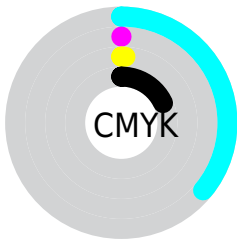
Distribution



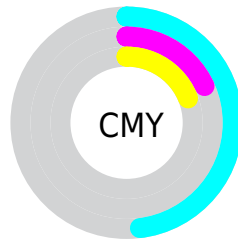
- Red (52%)
- Green (82%)
- Blue (81%)



- Red (52%)
- Yellow (67%)
- Blue (82%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (48%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D1CF 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 85D1CF by changing the saturation by 10% instead.

 85D1CF

 85D1CF

FFFFFF

 6AB5B3

 BDFFFF

 4E9A99

 DAFFFF

 32807F

 F7FFFF

 0F6766

 004E4E

 003737

 002222

 00000C

 000000

 85D1CF

 85D1CF

 70D1CE

 9AD1D0

 5BD1CE

 AFD1D0

 46D1CD

 C4D1D1

 31D1CD

 D9D1D1

 1CD1CC

 EED1D2

 08D1CC

 FFD1D2

 00D1CC

 FFD1D3

 FFD1D4

Harmonies

Analogous

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



96D0B7



85D1CF



86CFE4

Triad

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



85D1CF



D6BAE4



E0BE98

Complementary

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



85D1CF



D18587

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.



EFB7A4



85D1CF



EBB5D0

Square

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



85D1CF



B8C2F0



F3B4B9



C9C697

Rectangle

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



85D1CF



91CBED



F3B4B9



E6BC9B

Sweetspot

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



85D1CF



E3FFFE



88D185



6F807F



000000



808080

Same Dimension

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



85D1CF



8FFFFC



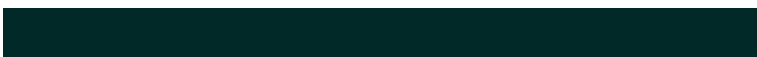
85AED1



5E6968



00A8A4



002928

Inverse Universe

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



D18587



FF8F92



D1A885



695E5E



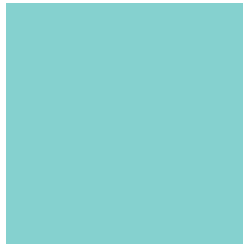
A80004



290001

Previews

White Background



This preview shows how the Hex color 85D1CF looks on a white background.

Color Contrast Check

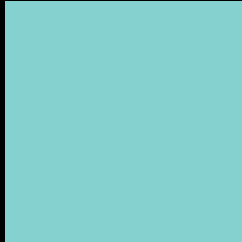
Large Text (above 18pt) WCAG AA × Fail

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 85D1CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

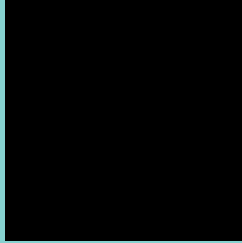
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

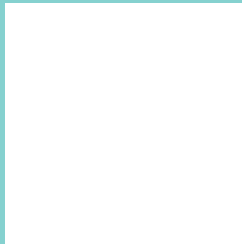
Any Text WCAG AAA ✓ Pass

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

Hex 85D1CF Background



This preview shows how black text looks on a background with the Hex color 85D1CF.

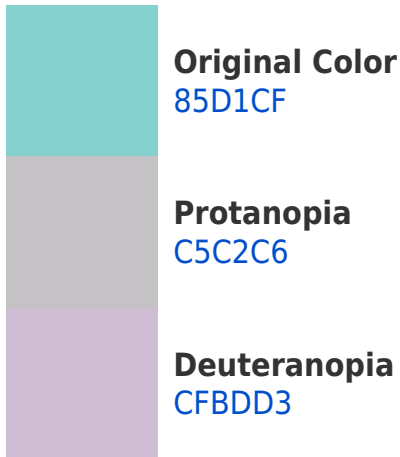


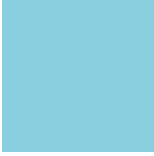
This preview shows how white text looks on a background with the Hex color 85D1CF.

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](#).

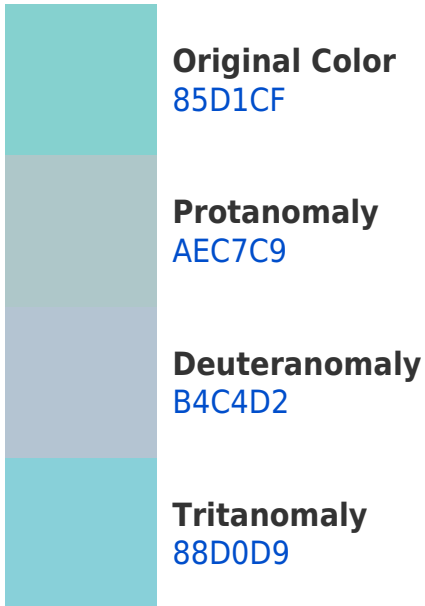
Dichromacy



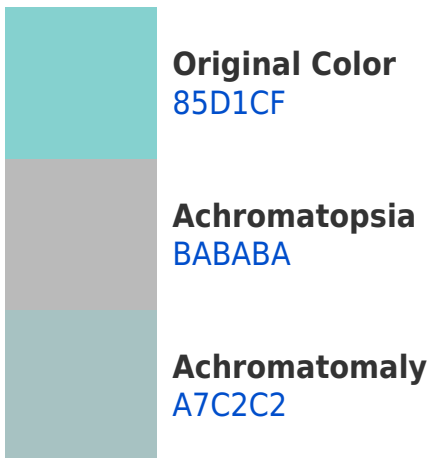


Tritanopia
89CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85D1CF 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 #85D1CF looks like.

```
.text, #text, p{  
    color:#85D1CF  
}
```

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 #85D1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D1CF
}
```

Border

The CSS property to change the border of an element to Hex 85D1CF 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
#85D1CF }
```

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

```
.border{ border-color:#85D1CF }
```

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

Here you see how a box with a 4 pixel #85D1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D1CF; -webkit-box-shadow:4px 4px  
4px 4px #85D1CF; box-shadow:4px 4px 4px  
4px #85D1CF }
```

Background

The CSS property to change the background color of an element to Hex 85D1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D1CF }
```

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

```
.background{ background-color:#85D1CF }
```

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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