

Converting Colors

Hex(85CDD9)

Have a look what the booklet for
Hex(85CDD9) contains.

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Color

Hex(85CDD9)

Conversions

Conversions Part 1

Format	Color
Hex	85CDD9
RGB	133, 205, 217
RGB Percent	52%, 80%, 85%
CMY	0.4784, 0.1961, 0.1490
CMYK	0.39, 0.06, 0.00, 0.15
HSL	189°, 52%, 69%
HSV	189°, 39%, 85%
XYZ	44.0286, 53.6589, 73.6823
YIQ	184.8400, -46.7640, -11.5320

Conversions

Conversions Part 2

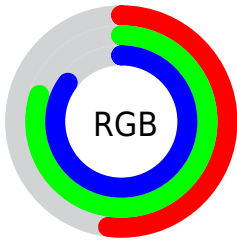
Format	Color
RYB	133, 172, 217
Decimal	8768985
CIELab	78.26, -19.43, -13.07
CIElCh	78, 23.416, 213.922
Yxy	53.6589, 0.2569, 0.3131
Android (android.graphics.Color)	4286959065 (0xFF85CDD9)
YUV	184.8400, 15.8549, -45.4637
Hunter-Lab	73.2523, -20.9033, -8.3615

Details

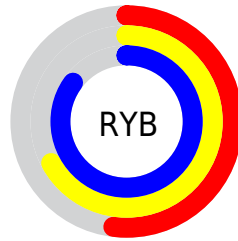
The Hex color **85CDD9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D99185**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BDFFFF**, and **4E97A2** is the 20% darker color. If you saturate the color by 10%, you get **6FCAD9**, and if you desaturate by 10%, it is **9BD0D9**.

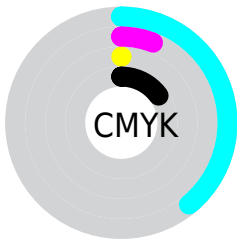
Distribution



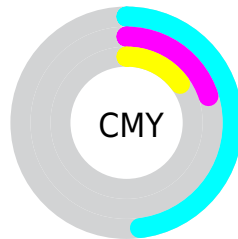
- Red (52%)
- Green (80%)
- Blue (85%)



- Red (52%)
- Yellow (67%)
- Blue (85%)



- Cyan (39%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (48%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CDD9 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 85CDD9 by changing the saturation by 10% instead.

 85CDD9

 85CDD9


FFFFFF

 69B1BD

 BDFFFF

 4E97A2

 DAFFFF

 317D88

 F8FFFF

 0B646F

 004B56

 00343F

 002029

 000115

 000000

 85CDD9

 85CDD9

 6FCAD9

 9BD0D9

 5AC7D9

 B0D3D9

 44C4D9

 C6D6D9

 2EC1D9

 DCD9D9

 19BED9

 F2DCD9

 03BAD9

 FFE0D9

 00BAD9

 FFE3D9

 FFE6D9

 FFE9D9

Harmonies

Analogous

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



8BCEC4



85CDD9



92C9E8

Triad

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



85CDD9



E0B5D5



CFC196

Complementary

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



85CDD9



D99185

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.



E3BA9B



85CDD9



EDB2BF

Square

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



85CDD9



C9BBE6



EDB4AA



B7C89D

Rectangle

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



85CDD9



A2C5EC



EDB4AA



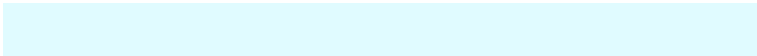
D6BF97

Sweetspot

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



85CDD9



E0FBFF



85D990



6E7D80



000000



808080

Same Dimension

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



85CDD9



8AEFF



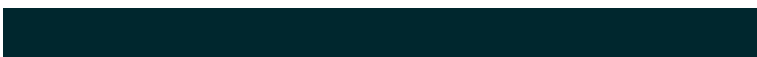
85A4D9



636C6E



0095AD



00272E

Inverse Universe

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



D985CD



FF8AEE



D9BA85



6E636C



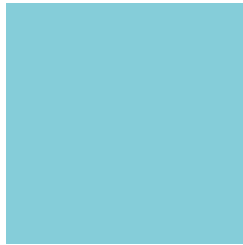
AD0095



2E0027

Previews

White Background



This preview shows how the Hex color 85CDD9 looks on a white background.

Color Contrast Check

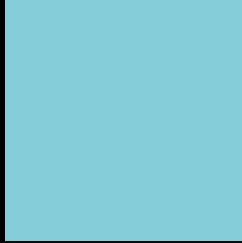
Large Text (above 18pt) WCAG AA × Fail

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 85CDD9 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 85CDD9 Background



This preview shows how black text looks on a background with the Hex color 85CDD9.

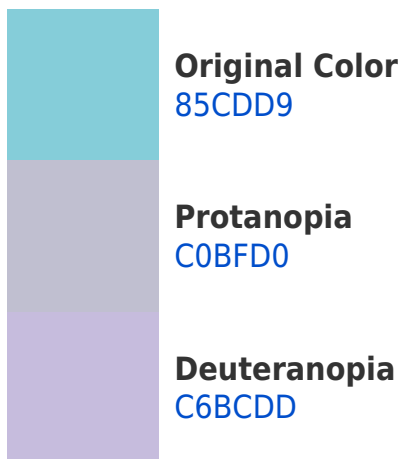


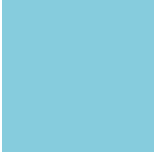
This preview shows how white text looks on a background with the Hex color 85CDD9.

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](#).

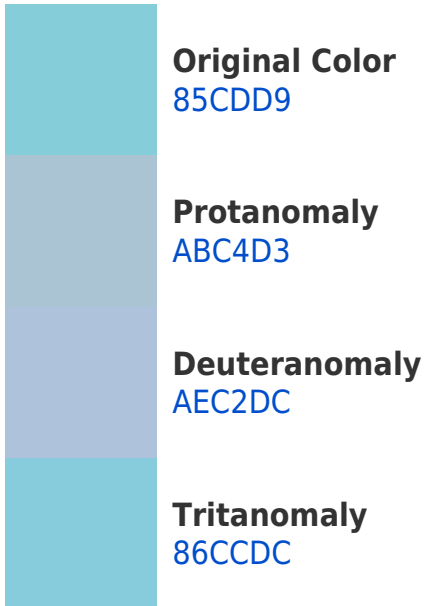
Dichromacy



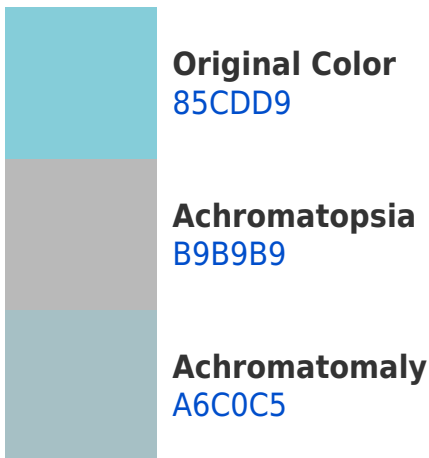


Tritanopia
86CCDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CDD9 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 #85CDD9 looks like.

```
.text, #text, p{  
    color:#85CDD9  
}
```

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 #85CDD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CDD9
}
```

Border

The CSS property to change the border of an element to Hex 85CDD9 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
#85CDD9 }
```

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

```
.border{ border-color:#85CDD9 }
```

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

Here you see how a box with a 4 pixel #85CDD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CDD9; -webkit-box-shadow:4px 4px  
4px 4px #85CDD9; box-shadow:4px 4px 4px  
4px #85CDD9 }
```

Background

The CSS property to change the background color of an element to Hex 85CDD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CDD9 }
```

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

```
.background{ background-color:#85CDD9 }
```

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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