

Converting Colors

Hex(87CFD0)

Have a look what the booklet for
Hex(87CFD0) contains.

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Color

Hex(87CFD0)

Conversions

Conversions Part 1

Format	Color
Hex	87CFD0
RGB	135, 207, 208
RGB Percent	53%, 81%, 82%
CMY	0.4706, 0.1882, 0.1843
CMYK	0.35, 0.00, 0.00, 0.18
HSL	181°, 44%, 67%
HSV	181°, 35%, 82%
XYZ	43.6897, 54.3306, 67.8587
YIQ	185.5860, -43.2330, -14.9530

Conversions

Conversions Part 2

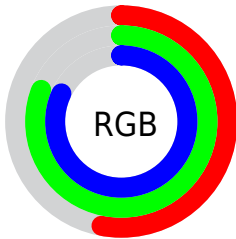
Format	Color
RYB	135, 171, 208
Decimal	8900560
CIELab	78.65, -22.11, -7.64
CIElCh	79, 23.396, 199.057
Yxy	54.3306, 0.2634, 0.3275
Android (android.graphics.Color)	4287090640 (0xFF87CFD0)
YUV	185.5860, 11.0501, -44.3639
Hunter-Lab	73.7093, -23.1891, -2.9874

Details

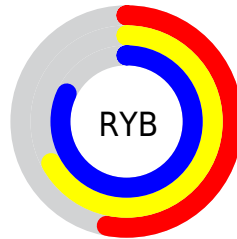
The Hex color **87CFD0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D08887**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BFFFFFF**, and **51989A** is the 20% darker color. If you saturate the color by 10%, you get **72CFD0**, and if you desaturate by 10%, it is **9CCFD0**.

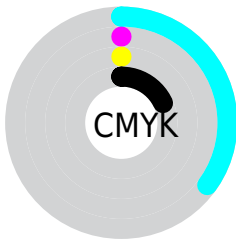
Distribution



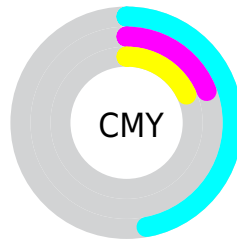
- Red (53%)
- Green (81%)
- Blue (82%)



- Red (53%)
- Yellow (67%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87CFD0 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 87CFD0 by changing the saturation by 10% instead.

 87CFD0

 87CFD0

FFFFFF

 6CB3B4

 BFFFFFF

 51989A

 DCFFFF

 357E80

 F9FFFF

 146567

 004D4F

 003638

 002122

 00010D

 000000

 87CFD0

 87CFD0

 72CFD0

 9CCFD0

 5DCED0

 B1D0D0

 49CED0

 C5D0D0

 34CED0

 DAD0D0

 1FCED0

 EFD0D0

 0ACDD0

 FFD1D0

 00CDD0

 FFD2D0

Harmonies

Analogous

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



95CFBA



87CFD0



8ACCE3

Triad

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



87CFD0



D7B9DF



DBBE98

Complementary

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



87CFD0



D08887

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.



EAB8A3



87CFD0



E9B4CC

Square

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



87CFD0



BCC0EC



F0B4B5



C5C699

Rectangle

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



87CFD0



97C9EB



F0B4B5



E1BC9B

Sweetspot

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



87CFD0



E3FFFF



87D087



6F7F80



000000



808080

Same Dimension

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



87CFD0



94FEFF



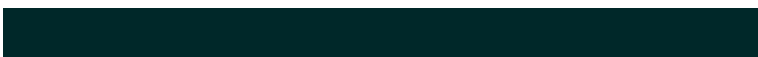
87ABD0



5E6869



00A6A8



002829

Inverse Universe

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



D087CF



FF94FE



D0AB87



695E68



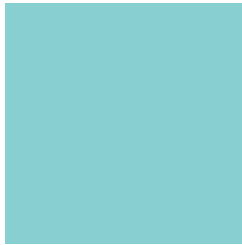
A800A6



290028

Previews

White Background



This preview shows how the Hex color 87CFD0 looks on a white background.

Color Contrast Check

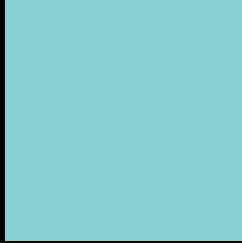
Large Text (above 18pt) WCAG AA × Fail

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 87CFD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

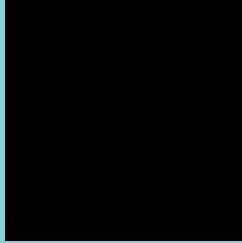
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

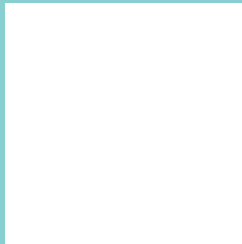
Any Text WCAG AAA ✓ Pass

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

Hex 87CFD0 Background



This preview shows how black text looks on a background with the Hex color 87CFD0.

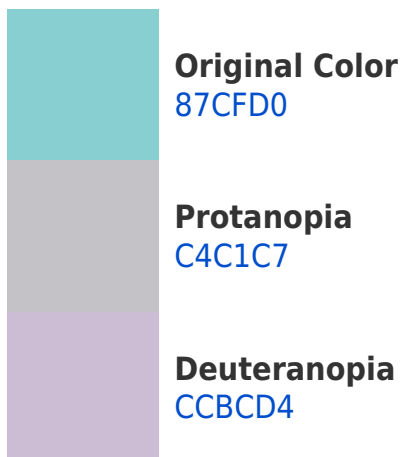


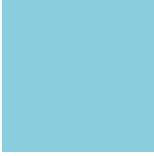
This preview shows how white text looks on a background with the Hex color 87CFD0.

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](#).

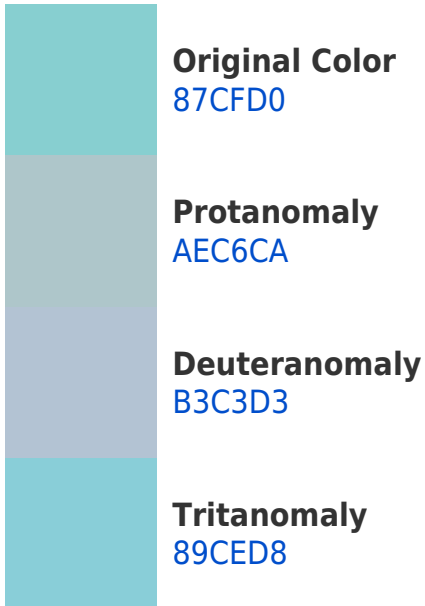
Dichromacy



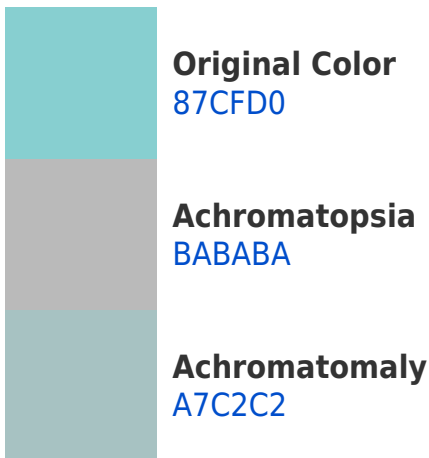


Tritanopia
8ACDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87CFD0 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 #87CFD0 looks like.

```
.text, #text, p{  
    color:#87CFD0  
}
```

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 #87CFD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87CFD0
}
```

Border

The CSS property to change the border of an element to Hex 87CFD0 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
#87CFD0 }
```

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

```
.border{ border-color:#87CFD0 }
```

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

Here you see how a box with a 4 pixel #87CFD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87CFD0; -webkit-box-shadow:4px 4px  
4px 4px #87CFD0; box-shadow:4px 4px 4px  
4px #87CFD0 }
```

Background

The CSS property to change the background color of an element to Hex 87CFD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87CFD0 }
```

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

```
.background{ background-color:#87CFD0 }
```

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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