

Converting Colors

Hex(87CDF8)

Have a look what the booklet for
Hex(87CDF8) contains.

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Color

Hex(87CDF8)

Conversions

Conversions Part 1

Format	Color
Hex	87CDF8
RGB	135, 205, 248
RGB Percent	53%, 80%, 97%
CMY	0.4706, 0.1961, 0.0275
CMYK	0.46, 0.17, 0.00, 0.03
HSL	203°, 89%, 75%
HSV	203°, 46%, 97%
XYZ	48.7663, 55.5909, 96.9668
YIQ	188.9720, -55.5230, -1.4670

Conversions

Conversions Part 2

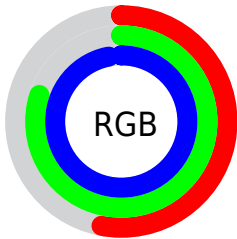
Format	Color
RYB	135, 178, 248
Decimal	8900088
CIELab	79.38, -10.84, -27.97
CIELCh	79, 29.999, 248.812
Yxy	55.5909, 0.2422, 0.2761
Android (android.graphics.Color)	4287090168 (0xFF87CDF8)
YUV	188.9720, 29.1008, -47.3334
Hunter-Lab	74.5593, -13.7289, -24.9171

Details

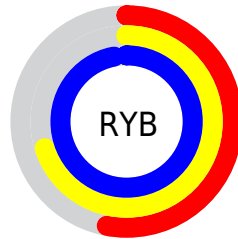
The Hex color **87CDF8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F8B287**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C1FFFF**, and **4D97BF** is the 20% darker color. If you saturate the color by 10%, you get **6EC4F8**, and if you desaturate by 10%, it is **A0D6F8**.

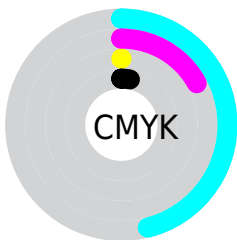
Distribution



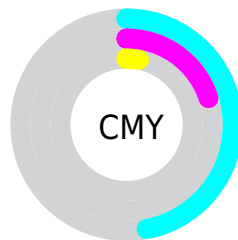
- Red (53%)
- Green (80%)
- Blue (97%)



- Red (53%)
- Yellow (70%)
- Blue (97%)



- Cyan (46%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (47%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87CDF8 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 87CDF8 by changing the saturation by 10% instead.

 87CDF8

 87CDF8

FFFFFF

 6AB2DB

 C1FFFF

 4D97BF

 DEFFFF

 2D7DA4

 FCFFFF

 00648A

 004C70

 003658

 002040

 00032A

 000114

87CDF8

87CDF8

6EC4F8

A0D6F8

55BAF8

B9E0F8

3DB1F8

D1E9F8

24A7F8

EAF3F8

0B9EF8

FFFCF8

009AF8

FFFFF8

Harmonies

Analogous

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



71D3E7



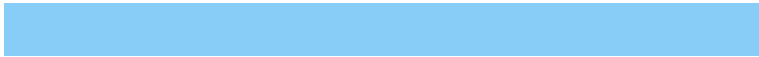
87CDF8



ADC4FB

Triad

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



87CDF8



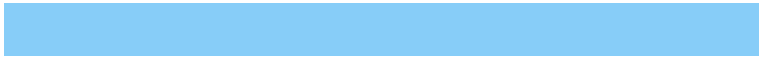
FDB0BD



B2CD98

Complementary

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



87CDF8



F8B287

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.



D1C68D



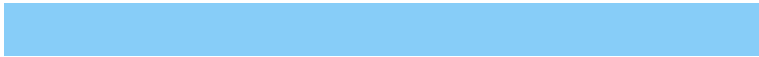
87CDF8



FAB4A3

Square

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



87CDF8



EFB3D9



EABC91



92D3B0

Rectangle

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



87CDF8



C7BEF6



EABC91



BCCB93

Sweetspot

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



87CDF8



DBF1FF



87F8B0



6A7780



000000



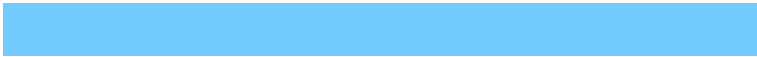
808080

Same Dimension

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



87CDF8



73CAFF



8796F8



70787D



0075BD



00263D

Inverse Universe

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



F887CD



FF73CA



F8E987



7D7078



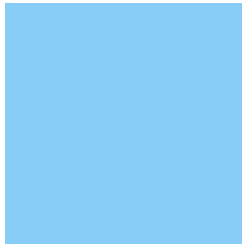
BD0075



3D0026

Previews

White Background



This preview shows how the Hex color 87CDF8 looks on a white background.

Color Contrast Check

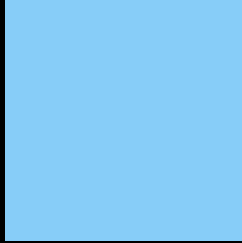
Large Text (above 18pt) WCAG AA × Fail

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 87CDF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

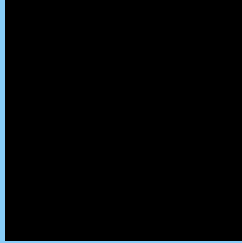
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

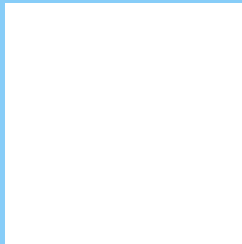
Any Text WCAG AAA ✓ Pass

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

Hex 87CDF8 Background



This preview shows how black text looks on a background with the Hex color 87CDF8.



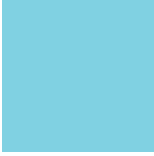
This preview shows how white text looks on a background with the Hex color 87CDF8.

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](#).

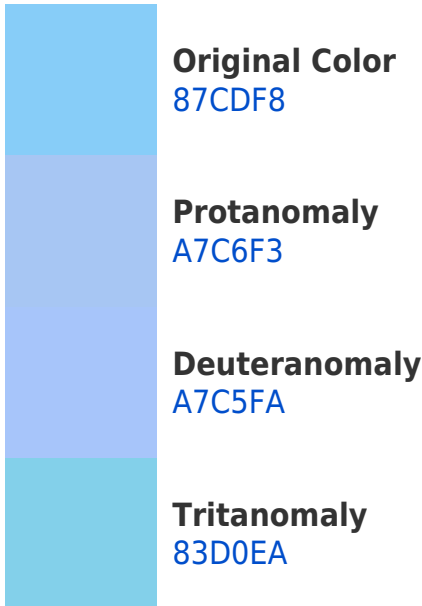
Dichromacy



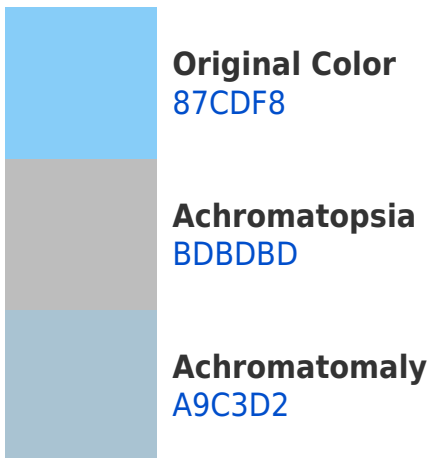


Tritanopia
80D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87CDF8 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 #87CDF8 looks like.

```
.text, #text, p{  
    color:#87CDF8  
}
```

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 #87CDF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87CDF8  
}
```

Border

The CSS property to change the border of an element to Hex 87CDF8 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  
#87CDF8 }
```

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

```
.border{ border-color:#87CDF8 }
```

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

Here you see how a box with a 4 pixel #87CDF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87CDF8; -webkit-box-shadow:4px 4px  
4px 4px #87CDF8; box-shadow:4px 4px 4px  
4px #87CDF8 }
```

Background

The CSS property to change the background color of an element to Hex 87CDF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87CDF8 }
```

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

```
.background{ background-color:#87CDF8 }
```

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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