

Converting Colors

Hex(87CEDF)

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

Hex(87CEDF)	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(87CEDF)

Conversions

Conversions Part 1

Format	Color
Hex	87CEDF
RGB	135, 206, 223
RGB Percent	53%, 81%, 87%
CMY	0.4706, 0.1922, 0.1255
CMYK	0.39, 0.08, 0.00, 0.13
HSL	192°, 58%, 70%
HSV	192°, 39%, 87%
XYZ	45.3823, 54.6212, 77.9631
YIQ	186.7090, -47.7730, -9.7650

Conversions

Conversions Part 2

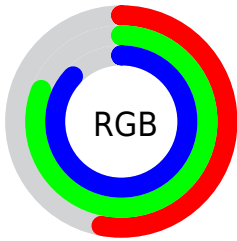
Format	Color
R _Y B	135, 174, 223
Decimal	8900319
CIE Lab	78.82, -17.92, -15.44
CIE LCh	79, 23.653, 220.746
Yxy	54.6212, 0.2550, 0.3069
Android (android.graphics.Color)	4287090399 (0xFF87CEDF)
YUV	186.7090, 17.8915, -45.3488
Hunter-Lab	73.9062, -19.7274, -10.8103

Details

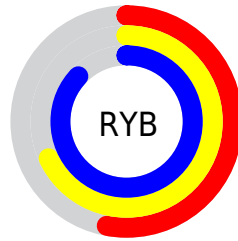
The Hex color **87CEDF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DF9887**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BFFFFFF**, and **5098A8** is the 20% darker color. If you saturate the color by 10%, you get **71CADF**, and if you desaturate by 10%, it is **9DD2DF**.

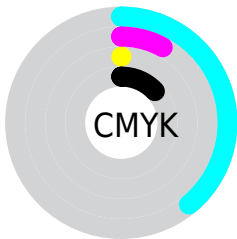
Distribution



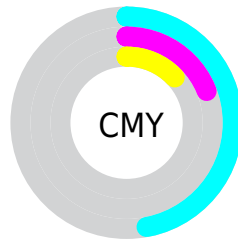
- Red (53%)
- Green (81%)
- Blue (87%)



- Red (53%)
- Yellow (68%)
- Blue (87%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 87CEDF

 87CEDF

FFFFFF

 6BB2C3

 BFFFFFF

 5098A8

 DCFFFF

 337E8D

 FAFFFF

 0D6574

 004C5B

 003544

 00202D

 000119

 000000

87CEDF

87CEDF

71CADF

9DD2DF

5AC5DF

B4D7DF

44C1DF

CADBDF

2EBDDF

E0DFDF

18B8DF

F7E4DF

01B4DF

FFE8DF

00B4DF

FFECDF

FFF0DF

FFF5DF

Harmonies

Analogous

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



89DOCA



87CEDF



98C9EC

Triad

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



87CEDF



E6B5D2



CCC498

Complementary

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



87CEDF



DF9887

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.



E1BD9A



87CEDF



F0B3BC

Square

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



87CEDF



D1BBE5



EEB7A7



B3CAA1

Rectangle

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



87CEDF



AAC5EF



EEB7A7



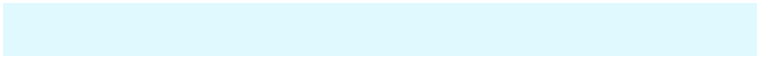
D3C297

Sweetspot

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



87CEDF



E0F9FF



87DF97



6E7C80



000000



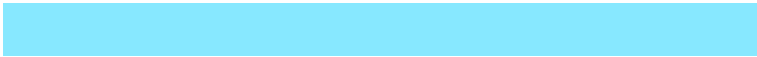
808080

Same Dimension

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



87CEDF



87E8FF



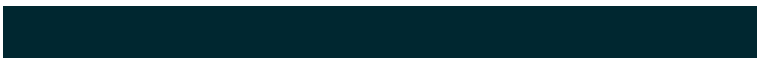
87A3DF



656E70



008EB0



002730

Inverse Universe

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



DF87CE



FF87E8



DFC387



70656E



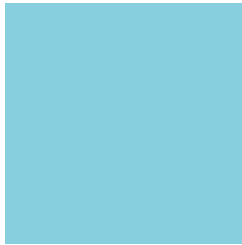
B0008E



300027

Previews

White Background



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

Color Contrast Check

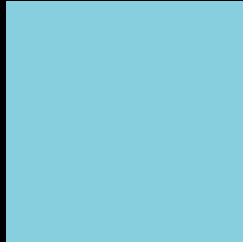
Large Text (above 18pt) WCAG AA × Fail

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 87CEDF 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 87CEDF Background



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

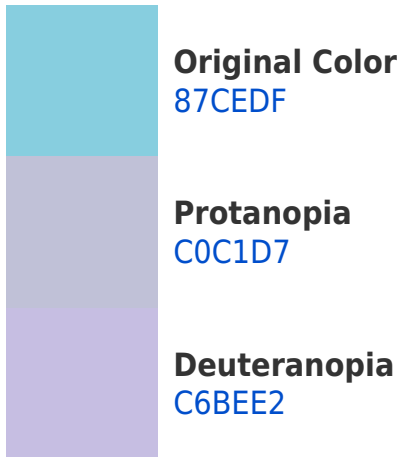


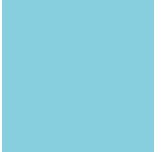
This preview shows how white text looks on a background with the Hex color 87CEDF.

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](#).

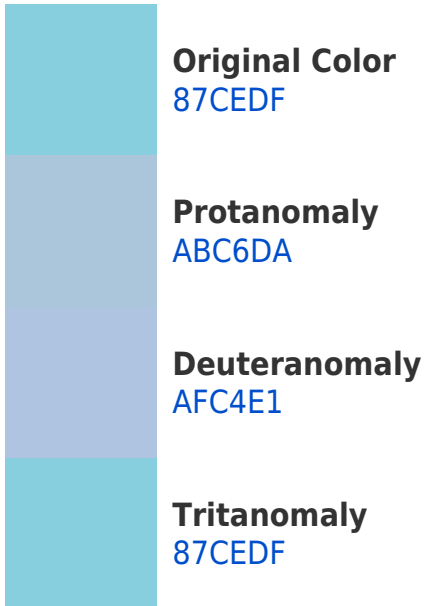
Dichromacy



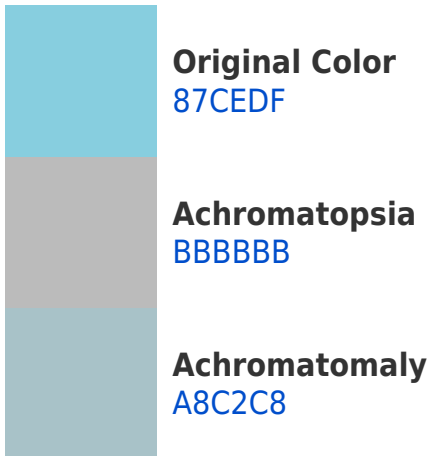


Tritanopia
87CEDF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #87CEDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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