

Converting Colors

Hex(87DCFA)

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

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Color

Hex(87DCFA)

Conversions

Conversions Part 1

Format	Color
Hex	87DCFA
RGB	135, 220, 250
RGB Percent	53%, 86%, 98%
CMY	0.4706, 0.1373, 0.0196
CMYK	0.46, 0.12, 0.00, 0.02
HSL	196°, 92%, 75%
HSV	196°, 46%, 98%
XYZ	52.8402, 63.2394, 99.8639
YIQ	198.0050, -60.2900, -8.6900

Conversions

Conversions Part 2

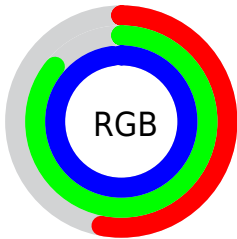
Format	Color
RYB	135, 184, 250
Decimal	8903930
CIELab	83.57, -18.04, -22.65
CIElCh	84, 28.957, 231.456
Yxy	63.2394, 0.2447, 0.2929
Android (android.graphics.Color)	4287094010 (0xFF87DCFA)
YUV	198.0050, 25.6335, -55.2554
Hunter-Lab	79.5232, -20.5591, -18.7891

Details

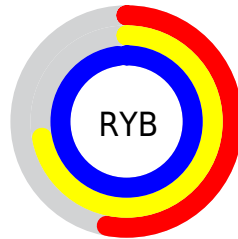
The Hex color **87DCFA** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FAA587**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C1FFFF**, and **4CA5C1** is the 20% darker color. If you saturate the color by 10%, you get **6ED5FA**, and if you desaturate by 10%, it is **A0E3FA**.

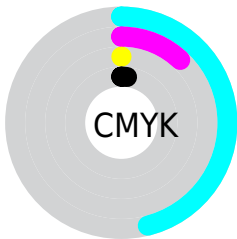
Distribution



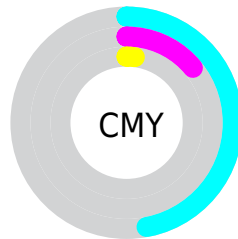
- Red (53%)
- Green (86%)
- Blue (98%)



- Red (53%)
- Yellow (72%)
- Blue (98%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (47%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 87DCFA

FFFFFF

 C1FFFF

 DFFFFF

FDFFFF

 87DCFA

 6AC0DD

 4CA5C1

 2A8AA6

 00718C

 005872

 00415A

 002B42

 00172C

 000117

 87DCFA

 87DCFA

 6ED5FA

 A0E3FA

 55CFFA

 B9E9FA

 3CC8FA

 D2F0FA

 23C2FA

 EBF6FA

 0ABBFA

 FFFDFA

 00B9FA

 FFFFFA

Harmonies

Analogous

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



81DFE3



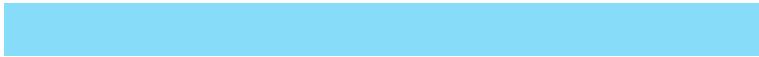
87DCFA



A4D5FF

Triad

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



87DCFA



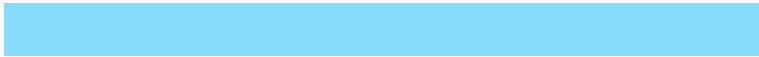
FFBDD9



D0D59D

Complementary

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



87DCFA



FAA587

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.



ECCC9B



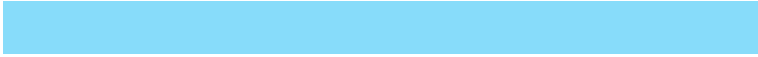
87DCFA



FFBDBE

Square

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



87DCFA



ECC3F3



FFC3A7



B1DBAE

Rectangle

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



87DCFA



BDCFF



FFC3A7



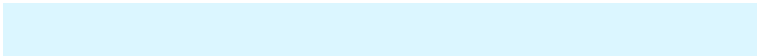
DAD29B

Sweetspot

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



87DCFA



DBF6FF



87FAA4



6A7A80



000000



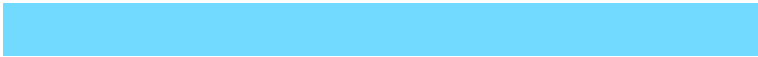
808080

Same Dimension

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



87DCFA



73DAFF



87A4FA



707A7D



008BBD



002D3D

Inverse Universe

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



FA87DC



FF73DA



FADD87



7D707A



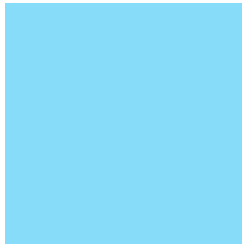
BD008B



3D002D

Previews

White Background



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

Color Contrast Check

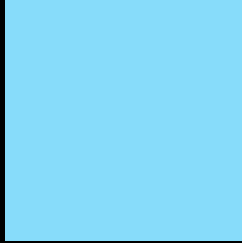
Large Text (above 18pt) WCAG AA × Fail

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 87DCFA 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 87DCFA Background



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

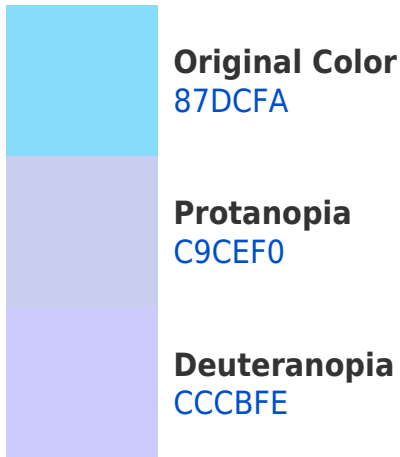


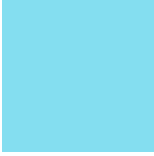
This preview shows how white text looks on a background with the Hex color 87DCFA.

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](#).

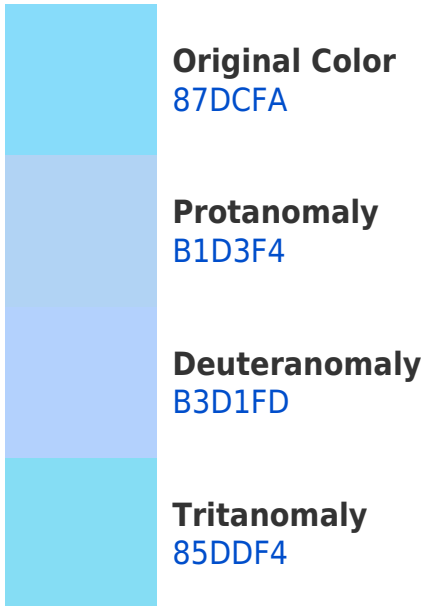
Dichromacy



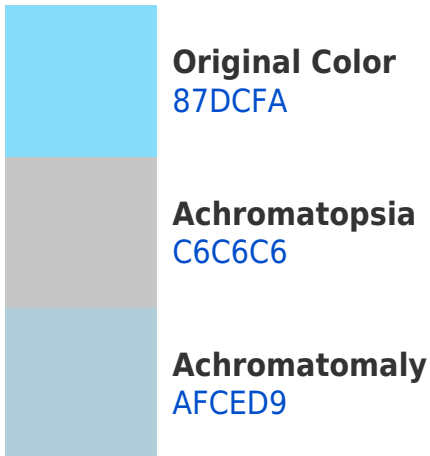


Tritanopia
84DEF0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #87DCFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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