

Converting Colors

Hex(87E6FD)

Have a look what the booklet for
Hex(87E6FD) contains.

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Color

Hex(87E6FD)

Conversions

Conversions Part 1

Format	Color
Hex	87E6FD
RGB	135, 230, 253
RGB Percent	53%, 90%, 99%
CMY	0.4706, 0.0980, 0.0078
CMYK	0.47, 0.09, 0.00, 0.01
HSL	192°, 97%, 76%
HSV	192°, 47%, 99%
XYZ	56.0181, 68.8364, 103.2628
YIQ	204.2170, -64.0030, -12.9870

Conversions

Conversions Part 2

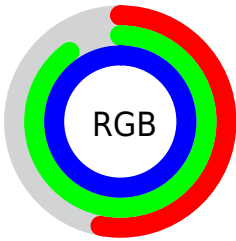
Format	Color
R_{YB}	135, 188, 253
Decimal	8906493
CIE _{Lab}	86.42, -22.27, -19.91
CIE _{LCh}	86, 29.868, 221.797
Yxy	68.8364, 0.2456, 0.3018
Android (android.graphics.Color)	4287096573 (0xFF87E6FD)
YUV	204.2170, 24.0500, -60.7033
Hunter-Lab	82.9677, -24.6739, -15.7158

Details

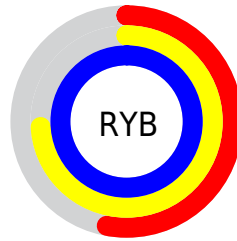
The Hex color **87E6FD** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FD9E87**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **C2FFFF**, and **4BAEC4** is the 20% darker color. If you saturate the color by 10%, you get **6EE1FD**, and if you desaturate by 10%, it is **A0EBFD**.

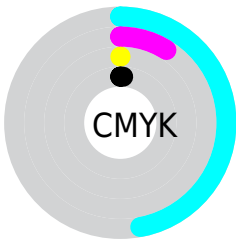
Distribution



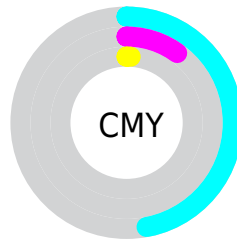
- Red (53%)
- Green (90%)
- Blue (99%)



- Red (53%)
- Yellow (74%)
- Blue (99%)



- Cyan (47%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (47%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E6FD 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 87E6FD by changing the saturation by 10% instead.

 87E6FD

 87E6FD

FFFFFF

 69CAE0

 C2FFFF

 4BAEC4

 E0FFFF

 2794A9

FEFFFF

 007A8F

 006175

 00495C

 003245

 001E2E

 00011A

 87E6FD

 87E6FD

 6EE1FD

 A0EBFD

 54DCFD

 BAF0FD

 3BD7FD

 D3F5FD

 22D2FD

 ECFAFD

 09CDFD

FFFFFFD

 00CCFD

Harmonies

Analogous

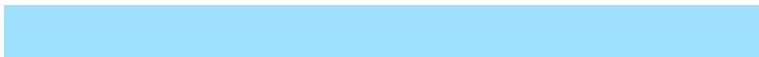
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AE8E3



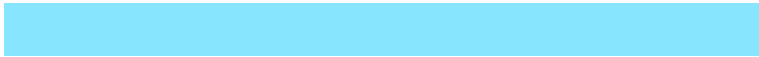
87E6FD



9FE0FF

Triad

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



87E6FD



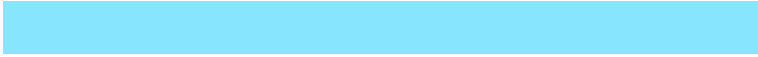
FFC6EB



E2DAA1

Complementary

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



87E6FD



FD9E87

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.



FDD1A3



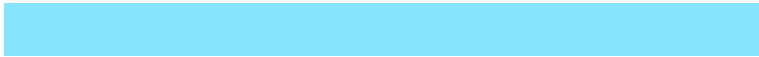
87E6FD



FFC4CE

Square

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



87E6FD



EBCDFE



FFC8B4



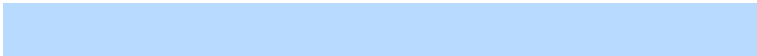
C2E2AD

Rectangle

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



87E6FD



B8DAFF



FFC8B4



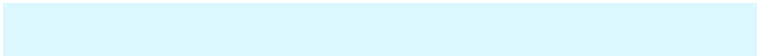
EBD7A0

Sweetspot

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



87E6FD



DBF8FF



87FD9D



6A7B80



000000



808080

Same Dimension

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



87E6FD



70E3FF



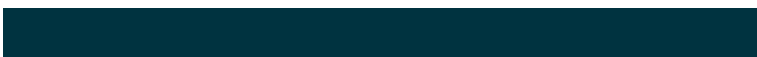
87ACFD



737D80



009ABF



003340

Inverse Universe

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



FD87E6



FF70E3



FDD887



80737D



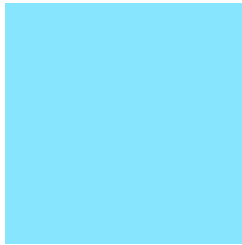
BF009A



400033

Previews

White Background



This preview shows how the Hex color 87E6FD looks on a white background.

Color Contrast Check

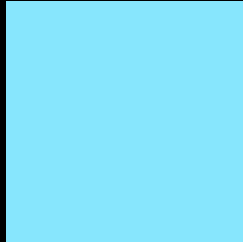
Large Text (above 18pt) WCAG AA × Fail

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 87E6FD 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 87E6FD Background



This preview shows how black text looks on a background with the Hex color 87E6FD.

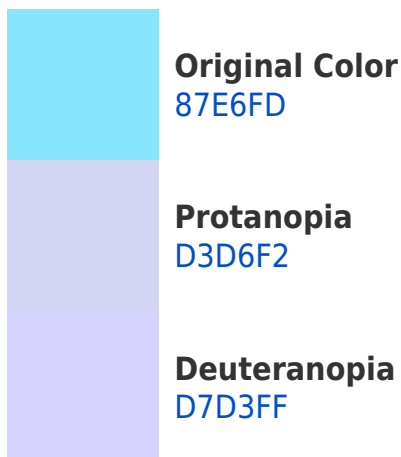


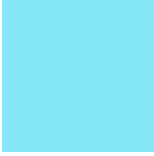
This preview shows how white text looks on a background with the Hex color 87E6FD.

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](#).

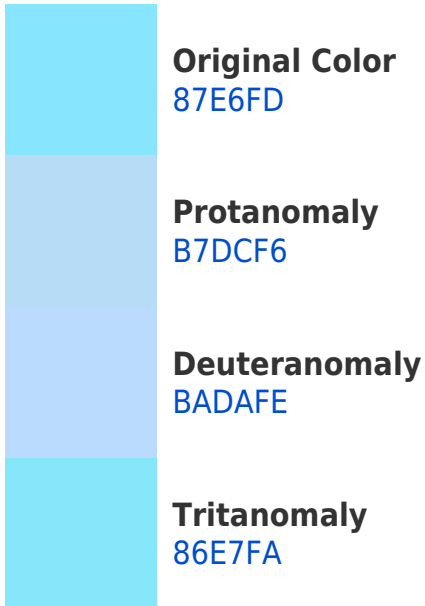
Dichromacy



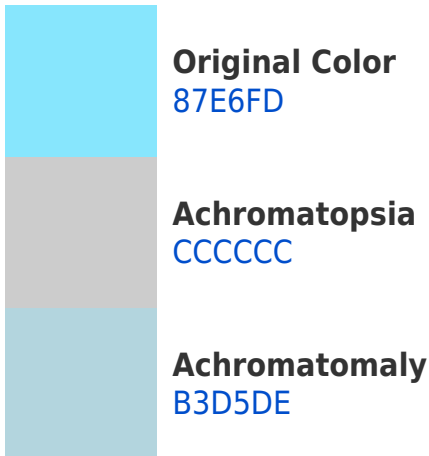


Tritanopia
86E7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87E6FD 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 #87E6FD looks like.

```
.text, #text, p{  
    color:#87E6FD  
}
```

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 #87E6FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E6FD
}
```

Border

The CSS property to change the border of an element to Hex 87E6FD 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
#87E6FD }
```

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

```
.border{ border-color:#87E6FD }
```

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

Here you see how a box with a 4 pixel #87E6FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E6FD; -webkit-box-shadow:4px 4px  
4px 4px #87E6FD; box-shadow:4px 4px 4px  
4px #87E6FD }
```

Background

The CSS property to change the background color of an element to Hex 87E6FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E6FD }
```

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

```
.background{ background-color:#87E6FD }
```

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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