

Converting Colors

Hex(86E9FF)

Have a look what the booklet for
Hex(86E9FF) contains.

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Color

Hex(86E9FF)

Conversions

Conversions Part 1

Format	Color
Hex	86E9FF
RGB	134, 233, 255
RGB Percent	53%, 91%, 100%
CMY	0.4745, 0.0863, 0.0000
CMYK	0.47, 0.09, 0.00, 0.00
HSL	191°, 100%, 76%
HSV	191°, 47%, 100%
XYZ	57.0204, 70.5662, 105.2231
YIQ	205.9070, -66.0660, -14.1460

Conversions

Conversions Part 2

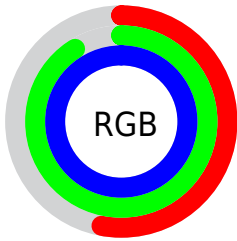
Format	Color
RYB	134, 188, 255
Decimal	8841727
CIELab	87.27, -23.45, -19.68
CIELCh	87, 30.610, 219.999
Yxy	70.5662, 0.2449, 0.3031
Android (android.graphics.Color)	4287031807 (0xFF86E9FF)
YUV	205.9070, 24.2028, -63.0624
Hunter-Lab	84.0037, -25.8433, -15.4641

Details

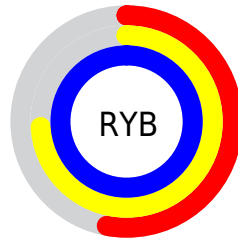
The Hex color **86E9FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9C86**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **C1FFFF**, and **49B1C6** is the 20% darker color. If you saturate the color by 10%, you get **6DE4FF**, and if you desaturate by 10%, it is **A0EEFF**.

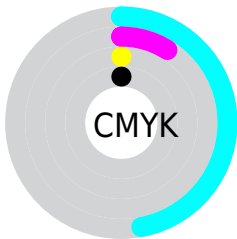
Distribution



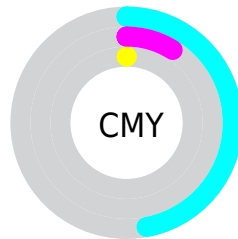
- Red (53%)
- Green (91%)
- Blue (100%)



- Red (53%)
- Yellow (74%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 86E9FF 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 86E9FF by changing the saturation by 10% instead.

 86E9FF

 86E9FF

FFFFFF

 68CDE2

 C1FFFF

 49B1C6

 DFFFFF

 2496AB

FDFFFF

 007C90

 006377

 004B5E

 003446

 002030

 00011B

■ 86E9FF

■ 86E9FF

■ 6DE4FF

■ A0EEFF

■ 53E0FF

■ B9F2FF

■ 3ADBFF

■ D3F7FF

■ 20D6FF

■ ECFCFF

■ 07D2FF

FFFFFF

■ 00D1FF

Harmonies

Analogous

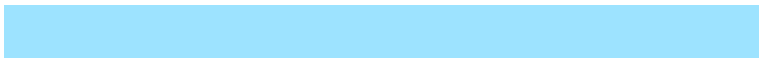
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BEBE4



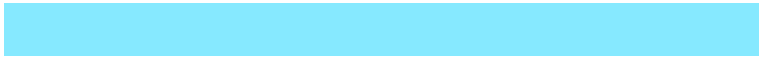
86E9FF



9DE3FF

Triad

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



86E9FF



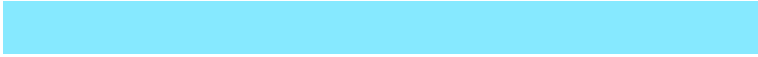
FFC8EF



E6DCA1

Complementary

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



86E9FF



FF9C86

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.



FFD2A5



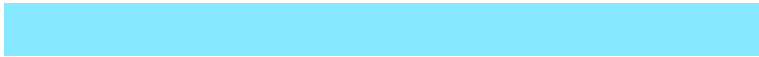
86E9FF



FFC6D2

Square

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



86E9FF



EBD0FF



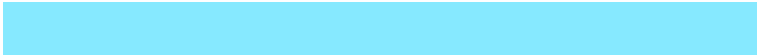
FFCAB7



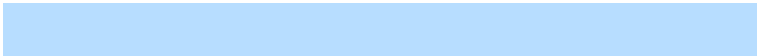
C6E4AD

Rectangle

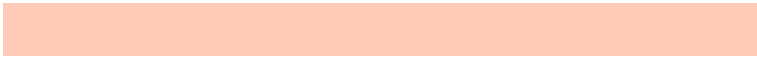
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86E9FF



B7DDFF



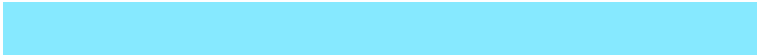
FFCAB7



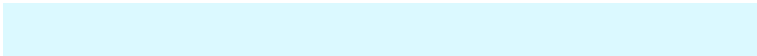
F0D9A1

Sweetspot

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



86E9FF



DBF9FF



86FF9A



6A7C80



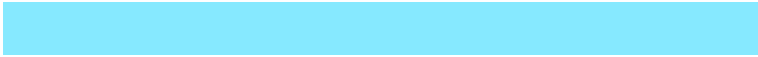
000000



808080

Same Dimension

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



86E9FF



6EE5FF



86AEFF



737D80



009CBF



003440

Inverse Universe

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



FF86E9



FF6EE5



FFD786



80737D



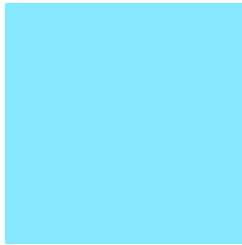
BF009C



400034

Previews

White Background



This preview shows how the Hex color 86E9FF looks on a white background.

Color Contrast Check

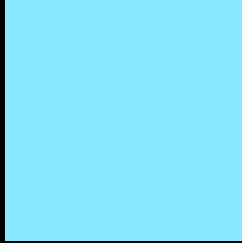
Large Text (above 18pt) WCAG AA × Fail

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 86E9FF 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 86E9FF Background



This preview shows how black text looks on a background with the Hex color 86E9FF.

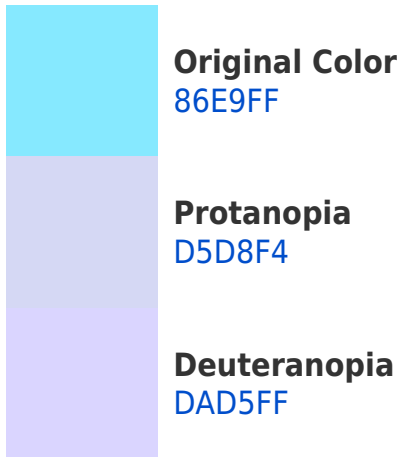


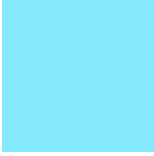
This preview shows how white text looks on a background with the Hex color 86E9FF.

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](#).

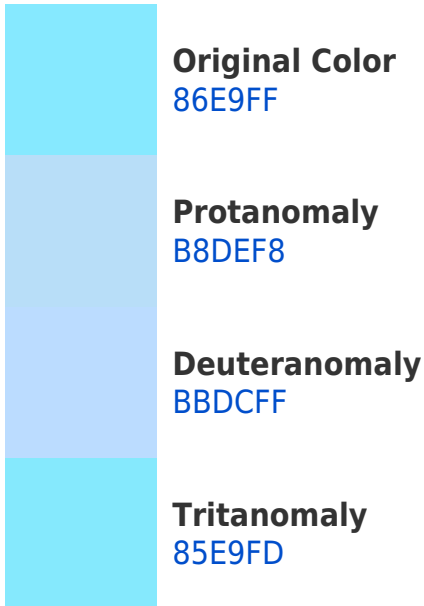
Dichromacy



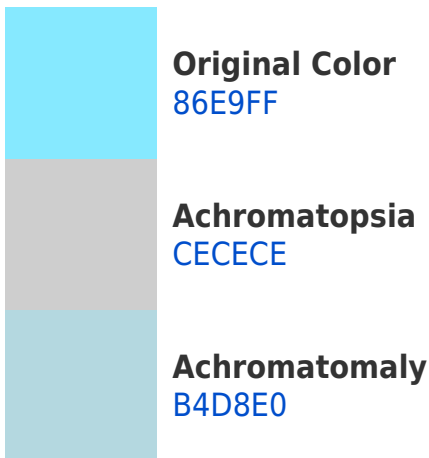


Tritanopia
85E9FC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86E9FF 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 #86E9FF looks like.

```
.text, #text, p{  
    color:#86E9FF  
}
```

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 #86E9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86E9FF
}
```

Border

The CSS property to change the border of an element to Hex 86E9FF 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
#86E9FF }
```

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

```
.border{ border-color:#86E9FF }
```

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

Here you see how a box with a 4 pixel #86E9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86E9FF; -webkit-box-shadow:4px 4px  
4px 4px #86E9FF; box-shadow:4px 4px 4px  
4px #86E9FF }
```

Background

The CSS property to change the background color of an element to Hex 86E9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86E9FF }
```

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

```
.background{ background-color:#86E9FF }
```

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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