

# Converting Colors

Hex(86ECFF)

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

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# **Color**

**Hex(86ECFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86ECFF
RGB	134, 236, 255
RGB Percent	53%, 93%, 100%
CMY	0.4745, 0.0745, 0.0000
CMYK	0.47, 0.07, 0.00, 0.00
HSL	189°, 100%, 76%
HSV	189°, 47%, 100%
XYZ	57.8770, 72.2792, 105.5086
YIQ	207.6680, -66.8910, -15.7150

# Conversions

## Conversions Part 2

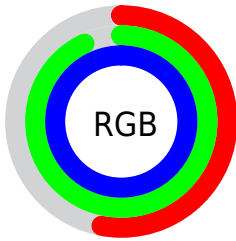
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	134, 189, 255
Decimal	8842495
CIELab	88.10, -24.92, -18.42
CIElCh	88, 30.992, 216.476
Yxy	72.2792, 0.2456, 0.3067
Android (android.graphics.Color)	4287032575 (0xFF86ECFF)
YUV	207.6680, 23.3347, -64.6068
Hunter-Lab	85.0172, -27.2630, -14.0684

# Details

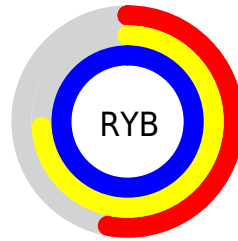
The Hex color **86ECFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9986**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C1FFFF**, and **49B4C6** is the 20% darker color. If you saturate the color by 10%, you get **6DE8FF**, and if you desaturate by 10%, it is **A0FOFF**.

# Distribution



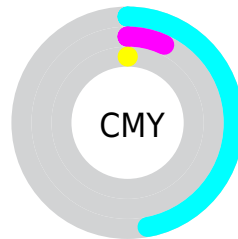
- Red (53%)
- Green (93%)
- Blue (100%)



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



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 86ECFF

 86ECFF

FFFFFF

 68D0E2

 C1FFFF

 49B4C6

 DFFFFFF

 2399AB

FDFFFF

 007F90

 006677

 004D5E

 003646

 002230

 00011B

 86ECFF

 86ECFF

 6DE8FF

 A0F0FF

 53E4FF

 B9F4FF

 3AE0FF

 D3F8FF

 20DCFF

 ECFCFF

 07D8FF

FFFFFF

 00D7FF

# Harmonies

## Analogous

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



8EEEE3



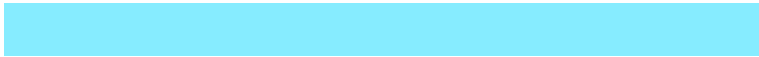
86ECFF



9BE6FF

# Triad

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



86ECFF



FFCBF5



ECDDA2

# Complementary

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



86ECFF



FF9986

# 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.



FFD3A8



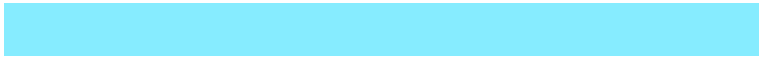
86ECFF



FFC7D8

# Square

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



86ECFF



EAD3FF



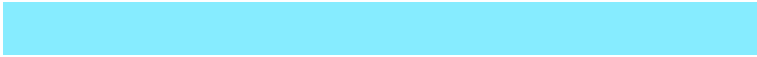
FFCBBB



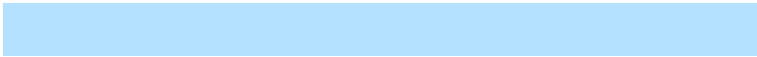
CCE6AD

# Rectangle

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



86ECFF



B4E1FF



FFCBBB

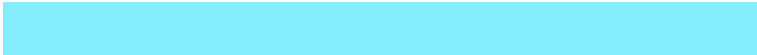


F6DAA2

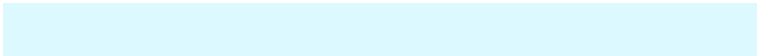


# Sweetspot

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



86ECFF



DBF9FF



86FF98



6A7C80



000000

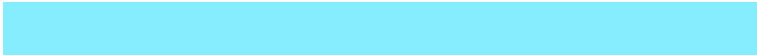


808080

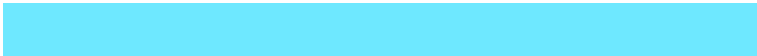


# Same Dimension

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



86ECFF



6EE8FF



86B0FF



737D80



00A1BF



003640



# Inverse Universe

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



FF86EC



FF6EE8



FFD586



80737D



BF00A1

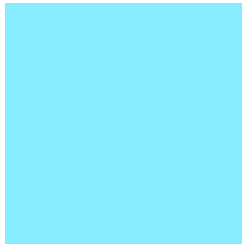


400036



# Previews

## White Background



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

## Color Contrast Check

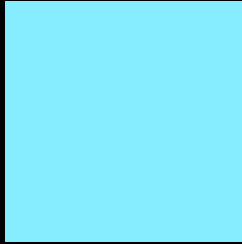
Large Text (above 18pt) WCAG AA × Fail

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 86ECFF 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 86ECFF Background



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

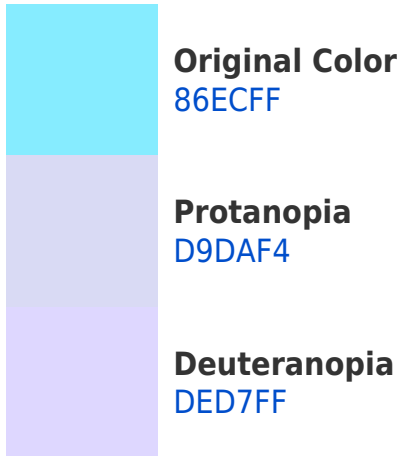


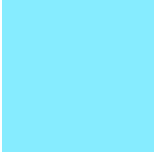
This preview shows how white text looks on a background with the Hex color 86ECFF.

# 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](#).

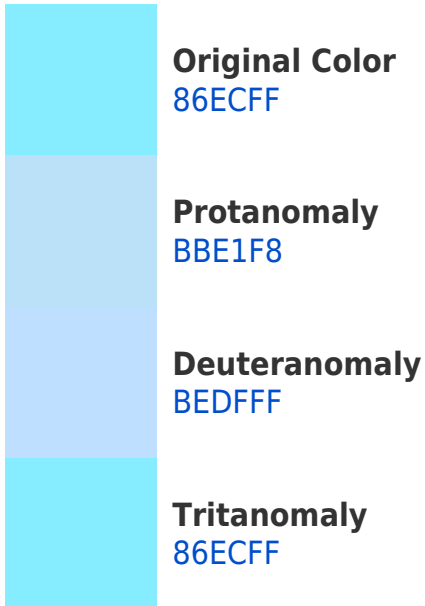
## Dichromacy



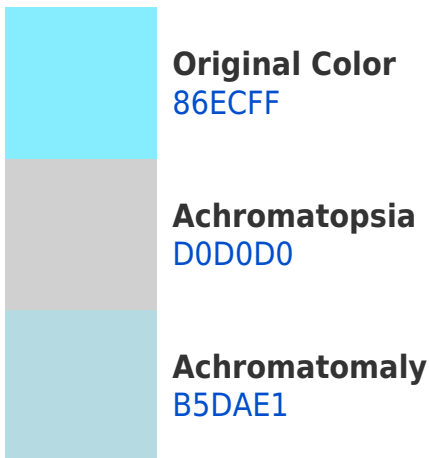


**Tritanopia**  
86ECFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #86ECFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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