

# Converting Colors

Hex(86E0F5)

Have a look what the booklet for  
Hex(86E0F5) contains.

|  |    |
|--|----|
| <b>Hex(86E0F5)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(86E0F5)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 86E0F5                       |
| RGB         | 134, 224, 245                |
| RGB Percent | 53%, 88%, 96%                |
| CMY         | 0.4745, 0.1216, 0.0392       |
| CMYK        | 0.45, 0.09, 0.00, 0.04       |
| HSL         | 191°, 85%, 74%               |
| HSV         | 191°, 45%, 96%               |
| XYZ         | 52.9686, 64.9722, 96.1354    |
| YIQ         | 199.4840, -60.3810, -12.5490 |

# Conversions

## Conversions Part 2

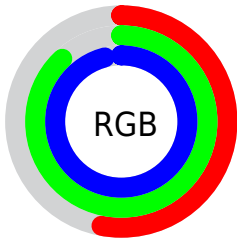
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 134, 184, 245                  |
| Decimal                             | 8839413                        |
| CIELab                              | 84.47, -21.60, -18.65          |
| CIELCh                              | 84, 28.531, 220.807            |
| Yxy                                 | 64.9722, 0.2474,<br>0.3035     |
| Android<br>(android.graphics.Color) | 4287029493<br>(0xFF86E0F5)     |
| YUV                                 | 199.4840, 22.4394,<br>-57.4295 |
| Hunter-Lab                          | 80.6053, -23.7607,<br>-14.2895 |

# Details

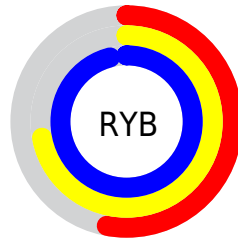
The Hex color **86E0F5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F59B86**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **C0FFFF**, and **4BA9BD** is the 20% darker color. If you saturate the color by 10%, you get **6EDBF5**, and if you desaturate by 10%, it is **9FE5F5**.

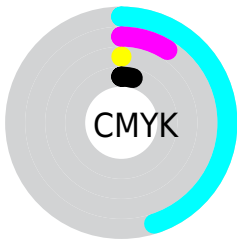
# Distribution



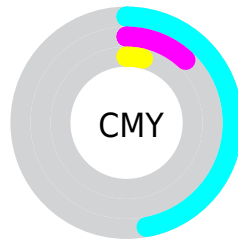
- Red (53%)
- Green (88%)
- Blue (96%)



- Red (53%)
- Yellow (72%)
- Blue (96%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (12%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86E0F5 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 86E0F5 by changing the saturation by 10% instead.



 86E0F5

 86E0F5

FFFFFF

 69C4D9

 C0FFFF

 4BA9BD

 DEFFFF

 298EA2

 FCFFFF

 007487

 005B6E

 004456

 002D3E

 001A28

 000113

 86E0F5

 86E0F5

 6EDBF5

 9FE5F5

 55D7F5

 B7E9F5

 3CD2F5

 D0EEF5

 24CDF5

 E8F3F5

 0CC9F5

 FFF7F5

 00C7F5

 FFFCF5

 FFFFF5

# Harmonies

## Analogous

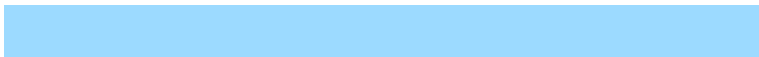
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89E2DC



86E0F5



9CDAFF

# Triad

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



86E0F5



FDC1E5



DDD49E

# Complementary

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



86E0F5



F59B86

# 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.



F6CBA1



86E0F5



FFBFCA

# Square

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



86E0F5



E3C9FC



FFC3B1



BFDCA9

# Rectangle

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



86E0F5



B3D5FF



FFC3B1



E6D19D

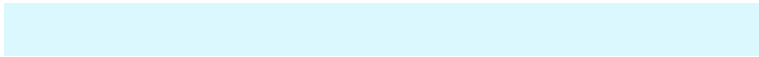


# Sweetspot

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



86E0F5



DBF8FF



86F59A



6A7B80



000000



808080



# Same Dimension

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



86E0F5



75E5FF



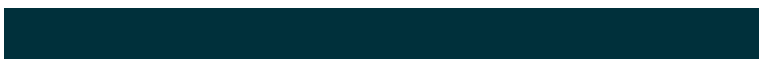
86A9F5



6E787A



0097BA



00303B



# Inverse Universe

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



F586E0



FF75E5



F5D286



7A6E78



BA0097

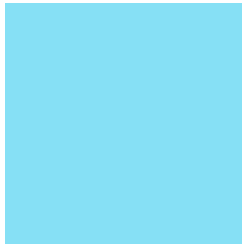


3B0030



# Previews

## White Background



This preview shows how the Hex color 86E0F5 looks on a white background.

## Color Contrast Check

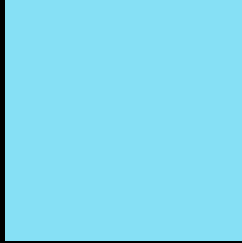
Large Text (above 18pt) WCAG AA × Fail

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 86E0F5 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 86E0F5 Background



This preview shows how black text looks on a background with the Hex color 86E0F5.

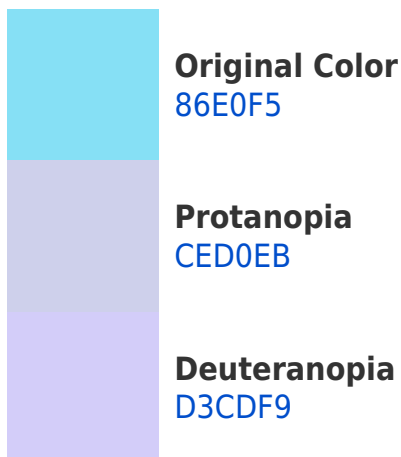


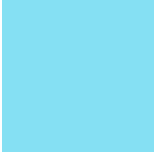
This preview shows how white text looks on a background with the Hex color 86E0F5.

# 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](#).

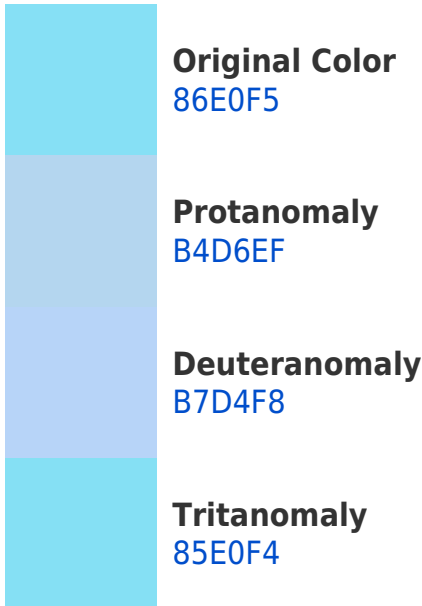
## Dichromacy



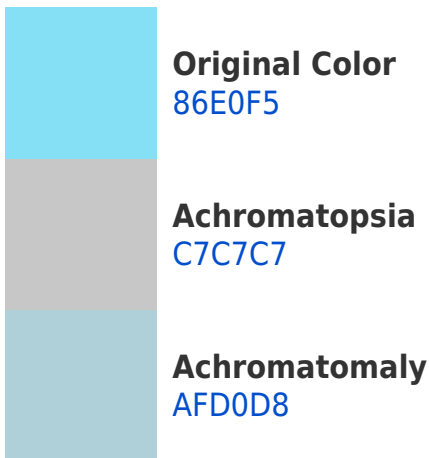


**Tritanopia**  
85E0F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86E0F5 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 #86E0F5 looks like.

```
.text, #text, p{  
    color:#86E0F5  
}
```

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 #86E0F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86E0F5  
}
```

## Border

The CSS property to change the border of an element to Hex 86E0F5 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  
#86E0F5 }
```

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

```
.border{ border-color:#86E0F5 }
```

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

Here you see how a box with a 4 pixel #86E0F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86E0F5; -webkit-box-shadow:4px 4px  
4px 4px #86E0F5; box-shadow:4px 4px 4px  
4px #86E0F5 }
```

# Background

The CSS property to change the background color of an element to Hex 86E0F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86E0F5 }
```

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

```
.background{ background-color:#86E0F5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor