

# Converting Colors

Hex(86C5F4)

Have a look what the booklet for  
Hex(86C5F4) contains.

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# **Color**

**Hex(86C5F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86C5F4
RGB	134, 197, 244
RGB Percent	53%, 77%, 96%
CMY	0.4745, 0.2275, 0.0431
CMYK	0.45, 0.19, 0.00, 0.04
HSL	206°, 83%, 74%
HSV	206°, 45%, 96%
XYZ	46.1269, 51.5325, 93.1036
YIQ	183.5210, -52.6350, 1.2610

# Conversions

## Conversions Part 2

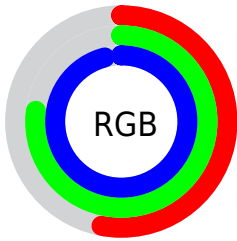
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 174, 244</a>
Decimal	<a href="#">8832500</a>
CIELab	<a href="#">77.00, -7.94, -29.48</a>
CIELCh	<a href="#">77, 30.535, 254.928</a>
Yxy	<a href="#">51.5325, 0.2418, 0.2701</a>
Android (android.graphics.Color)	<a href="#">4287022580 (0xFF86C5F4)</a>
YUV	<a href="#">183.5210, 29.8161, -43.4299</a>
Hunter-Lab	<a href="#">71.7861, -10.9288, -26.6463</a>

# Details

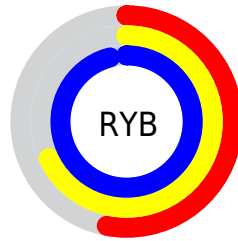
The Hex color **86C5F4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F4B586**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BFFEFF**, and **4D8FBC** is the 20% darker color. If you saturate the color by 10%, you get **6EBBF4**, and if you desaturate by 10%, it is **9ECFF4**.

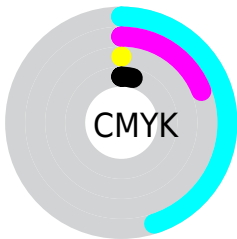
# Distribution



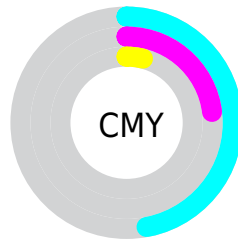
- Red (53%)
- Green (77%)
- Blue (96%)



- Red (53%)
- Yellow (68%)
- Blue (96%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (23%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86C5F4 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 86C5F4 by changing the saturation by 10% instead.



 86C5F4

 86C5F4

FFFFFF

 6AAAD7

 BFFEFF

 4D8FBC

 DDFFFF

 2D76A1


 FAFFFF

 005D86

 00466D

 002F54

 001B3D

 000327

 000110

 86C5F4

 86C5F4

 6EBBF4

 9ECFF4

 55B0F4

 B7DAF4

 3DA6F4

 CFE4F4

 249BF4

 E8EFF4

 0C91F4

 FFF9F4

 008CF4

 FFFFF4

# Harmonies

## Analogous

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



6ACBE5



86C5F4



AFBCF4

# Triad

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



86C5F4



F7AAB1



A4C895

# Complementary

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



86C5F4



F4B586

# 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.



C4C187



86C5F4



F2AF97

# Square

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



86C5F4



EDABCE



DFB788



84CDAE

# Rectangle

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



86C5F4



C8B5EC



DFB788



AFC68F

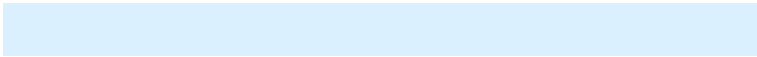


# Sweetspot

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



86C5F4



DBF0FF



86F4B4



6A7680



000000



808080

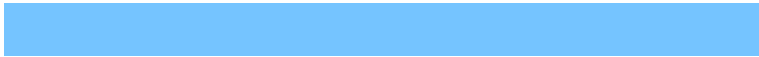


# Same Dimension

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



86C5F4



75C4FF



868FF4



6E757A



006BBA



00223B



# Inverse Universe

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



F486C5



FF75C4



F4EB86



7A6E75



BA006B

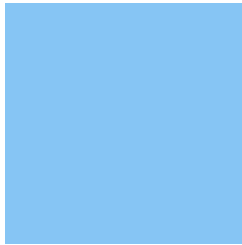


3B0022



# Previews

## White Background



This preview shows how the Hex color 86C5F4 looks on a white background.

## Color Contrast Check

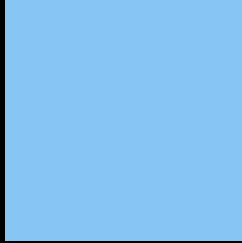
Large Text (above 18pt) WCAG AA × Fail

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 86C5F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

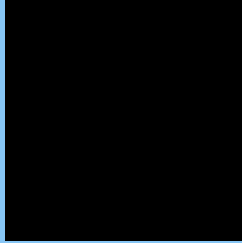
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

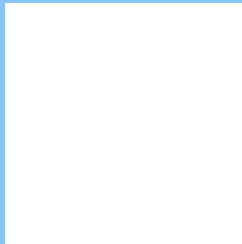
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86C5F4 Background



This preview shows how black text looks on a background with the Hex color 86C5F4.

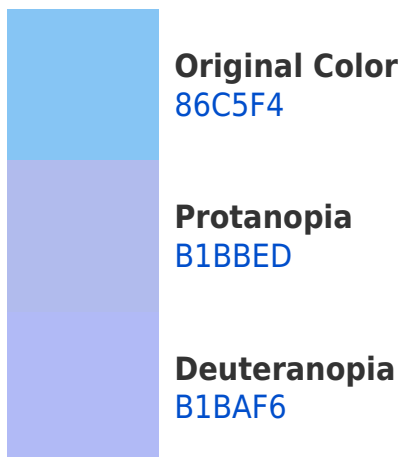


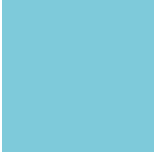
This preview shows how white text looks on a background with the Hex color 86C5F4.

# Color Blindness Simulation

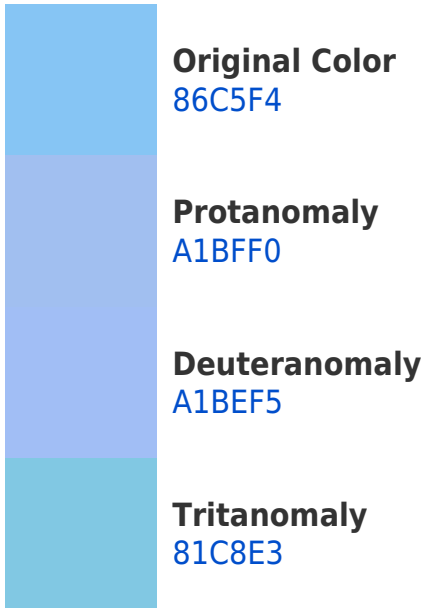
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

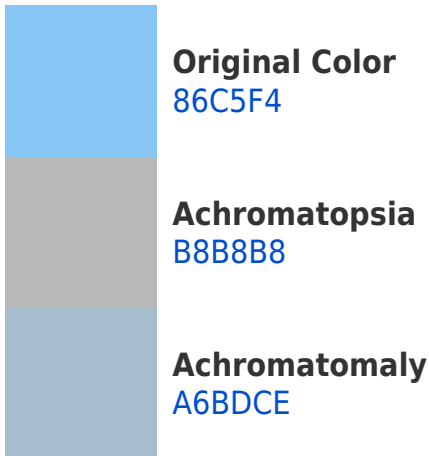




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86C5F4 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 #86C5F4 looks like.

```
.text, #text, p{  
    color:#86C5F4  
}
```

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 #86C5F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C5F4
}
```

## Border

The CSS property to change the border of an element to Hex 86C5F4 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
#86C5F4 }
```

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

```
.border{ border-color:#86C5F4 }
```

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

Here you see how a box with a 4 pixel #86C5F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C5F4; -webkit-box-shadow:4px 4px  
4px 4px #86C5F4; box-shadow:4px 4px 4px  
4px #86C5F4 }
```

# Background

The CSS property to change the background color of an element to Hex 86C5F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C5F4 }
```

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

```
.background{ background-color:#86C5F4 }
```

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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