

# Converting Colors

Hex(86BCF9)

Have a look what the booklet for  
Hex(86BCF9) contains.

<b>Hex(86BCF9)</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(86BCF9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86BCF9
RGB	134, 188, 249
RGB Percent	53%, 74%, 98%
CMY	0.4745, 0.2627, 0.0235
CMYK	0.46, 0.24, 0.00, 0.02
HSL	212°, 91%, 75%
HSV	212°, 46%, 98%
XYZ	44.9136, 47.8743, 96.4960
YIQ	178.8080, -51.7650, 7.5230

# Conversions

## Conversions Part 2

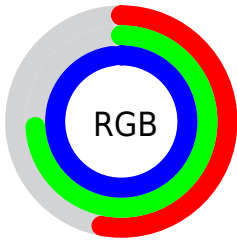
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 171, 249
Decimal	8830201
CIELab	74.75, -1.70, -35.65
CIELCh	75, 35.691, 267.276
Yxy	47.8743, 0.2373, 0.2529
Android (android.graphics.Color)	4287020281 (0xFF86BCF9)
YUV	178.8080, 34.6047, -39.2966
Hunter-Lab	69.1913, -5.2164, -34.2535

# Details

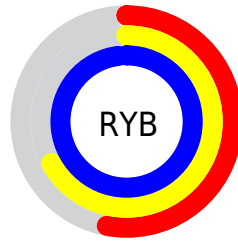
The Hex color **86BCF9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9C386**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C0F4FF**, and **4C87C0** is the 20% darker color. If you saturate the color by 10%, you get **6DAFF9**, and if you desaturate by 10%, it is **9FC9F9**.

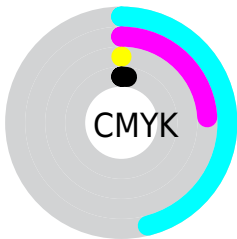
# Distribution



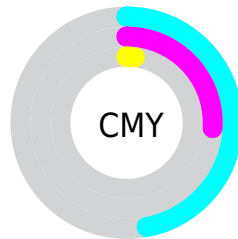
- Red (53%)
- Green (74%)
- Blue (98%)



- Red (53%)
- Yellow (67%)
- Blue (98%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (47%)
- Magenta (26%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86BCF9 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 86BCF9 by changing the saturation by 10% instead.



 86BCF9

 86BCF9

FFFFFF

 69A1DC

 C0F4FF

 4C87C0

 DDFFFF

 2C6EA5

 FBFFFF

 00568A

 003F71

 002958

 001540

 00032A

 000114

■ 86BCF9

■ 86BCF9

■ 6DAFF9

■ 9FC9F9

■ 54A2F9

■ B8D6F9

■ 3B94F9

■ D1E4F9

■ 2287F9

■ EAF1F9

■ 0A7AF9

■ FFFE9F9

■ 0075F9

■ FFFF9F9

# Harmonies

## Analogous

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



55C5EE



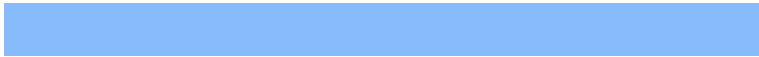
86BCF9



B8B1F2

# Triad

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



86BCF9



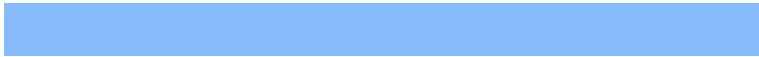
F8A19B



89C693

# Complementary

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



86BCF9



F9C386

# 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.



AFBF7D



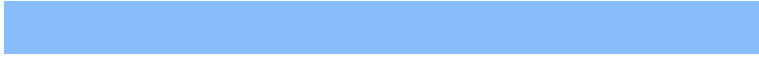
86BCF9



EBAA82

# Square

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



86BCF9



F59FBC



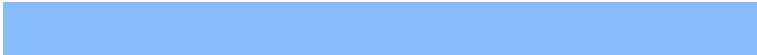
D1B576



61CAB4

# Rectangle

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



86BCF9



D4A9E5



D1B576



96C48A

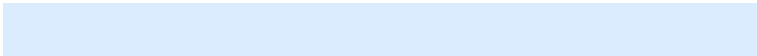


# Sweetspot

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



86BCF9



DBECFF



86F9C1



6A7480



000000

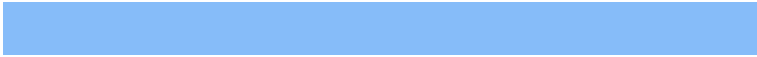


808080

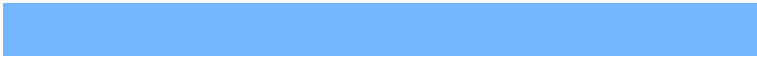


# Same Dimension

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



86BCF9



73B5FF



8886F9



70767D



0059BD



001D3D



# Inverse Universe

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



F986BC



FF73B5



F7F986



7D7076



BD0059

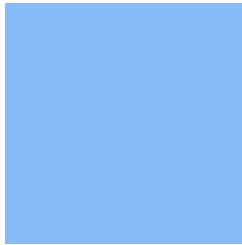


3D001D



# Previews

## White Background



This preview shows how the Hex color 86BCF9 looks on a white background.

## Color Contrast Check

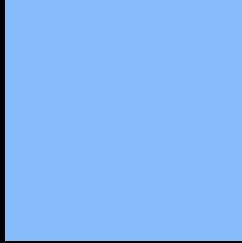
Large Text (above 18pt) WCAG AA × Fail

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 86BCF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

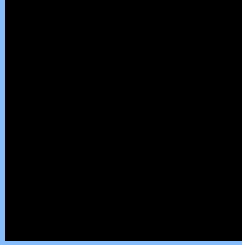
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

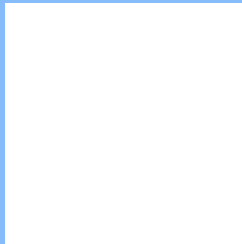
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86BCF9 Background



This preview shows how black text looks on a background with the Hex color 86BCF9.



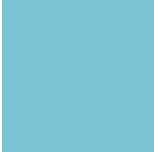
This preview shows how white text looks on a background with the Hex color 86BCF9.

# 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**  
7BC3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86BCF9 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 #86BCF9 looks like.

```
.text, #text, p{  
    color:#86BCF9  
}
```

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 #86BCF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BCF9
}
```

## Border

The CSS property to change the border of an element to Hex 86BCF9 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
#86BCF9 }
```

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

```
.border{ border-color:#86BCF9 }
```

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

Here you see how a box with a 4 pixel #86BCF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BCF9; -webkit-box-shadow:4px 4px  
4px 4px #86BCF9; box-shadow:4px 4px 4px  
4px #86BCF9 }
```

# Background

The CSS property to change the background color of an element to Hex 86BCF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BCF9 }
```

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

```
.background{ background-color:#86BCF9 }
```

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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