

Converting Colors

Hex(86B7F9)

Have a look what the booklet for
Hex(86B7F9) contains.

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Color

Hex(86B7F9)

Conversions

Conversions Part 1

Format	Color
Hex	86B7F9
RGB	134, 183, 249
RGB Percent	53%, 72%, 98%
CMY	0.4745, 0.2824, 0.0235
CMYK	0.46, 0.27, 0.00, 0.02
HSL	214°, 91%, 75%
HSV	214°, 46%, 98%
XYZ	43.8639, 45.7749, 96.1461
YIQ	175.8730, -50.3900, 10.1380

Conversions

Conversions Part 2

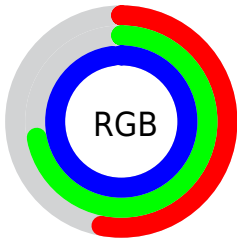
Format	Color
RYB	134, 168, 249
Decimal	8828921
CIELab	73.40, 1.05, -37.74
CIElCh	73, 37.754, 271.592
Yxy	45.7749, 0.2361, 0.2464
Android (android.graphics.Color)	4287019001 (0xFF86B7F9)
YUV	175.8730, 36.0516, -36.7226
Hunter-Lab	67.6571, -2.6737, -36.8958

Details

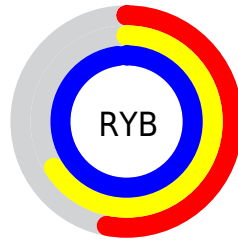
The Hex color **86B7F9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9C886**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C0EFFF**, and **4C82C0** is the 20% darker color. If you saturate the color by 10%, you get **6DA9F9**, and if you desaturate by 10%, it is **9FC5F9**.

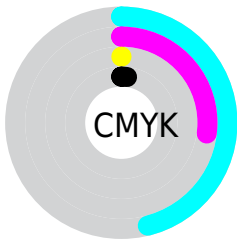
Distribution



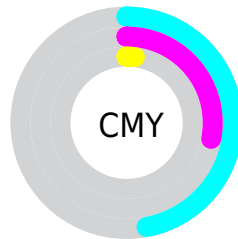
- Red (53%)
- Green (72%)
- Blue (98%)



- Red (53%)
- Yellow (66%)
- Blue (98%)



- Cyan (46%)
- Magenta (27%)
- Yellow (0%)
- Black (2%)



- Cyan (47%)
- Magenta (28%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B7F9 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 86B7F9 by changing the saturation by 10% instead.

 86B7F9

 86B7F9

FFFFFF

 699CDC

 C0EFFF

 4C82C0

 DDFFFF

 2C69A5

 FBFFFF

 00518A

 003B71

 002658

 001040

 000329

 000113

86B7F9

86B7F9

6DA9F9

9FC5F9

549AF9

B8D4F9

3B8CF9

D1E2F9

227EF9

EAF0F9

0A70F9

FFFEF9

006AF9

FFFFF9

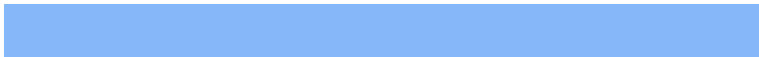
Harmonies

Analogous

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



4CC1F0



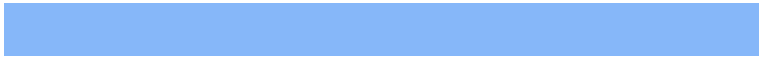
86B7F9



BBABEF

Triad

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



86B7F9



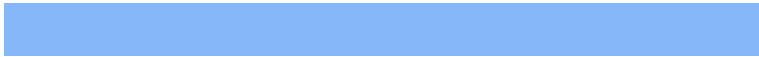
F69D92



7CC492

Complementary

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



86B7F9



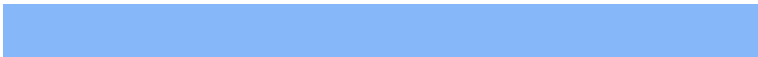
F9C886

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.



A5BD78



86B7F9



E6A778

Square

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



86B7F9



F69AB4



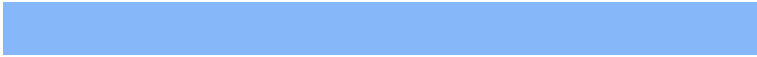
CAB36F



4FC7B5

Rectangle

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



86B7F9



D7A3E0



CAB36F



8AC288

Sweetspot

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



86B7F9



DBEBFF



86F9C7



6A7380



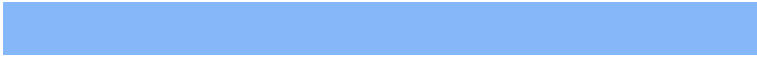
000000



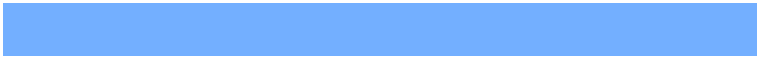
808080

Same Dimension

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



86B7F9



73AFFF



8E86F9



70767D



0050BD



001A3D

Inverse Universe

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



F986B7



FF73AF



F1F986



7D7076



BD0050



3D001A

Previews

White Background



This preview shows how the Hex color 86B7F9 looks on a white background.

Color Contrast Check

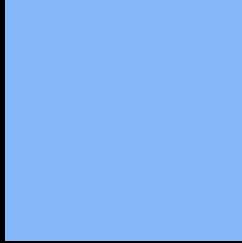
Large Text (above 18pt) WCAG AA × Fail

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 86B7F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

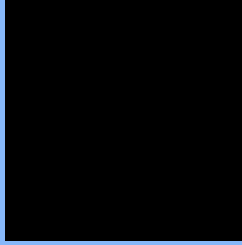
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

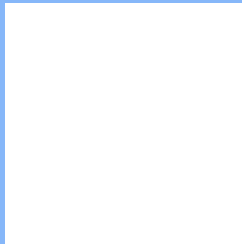
Any Text WCAG AAA ✓ Pass

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

Hex 86B7F9 Background



This preview shows how black text looks on a background with the Hex color 86B7F9.

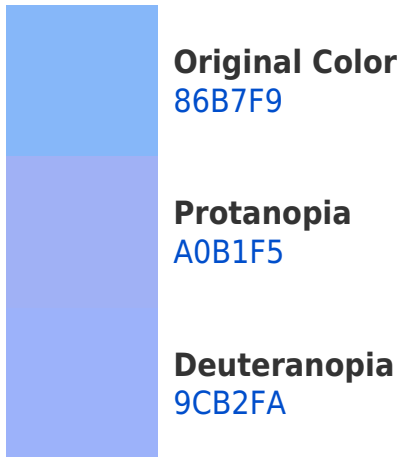


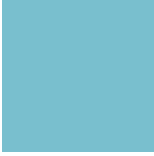
This preview shows how white text looks on a background with the Hex color 86B7F9.

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](#).

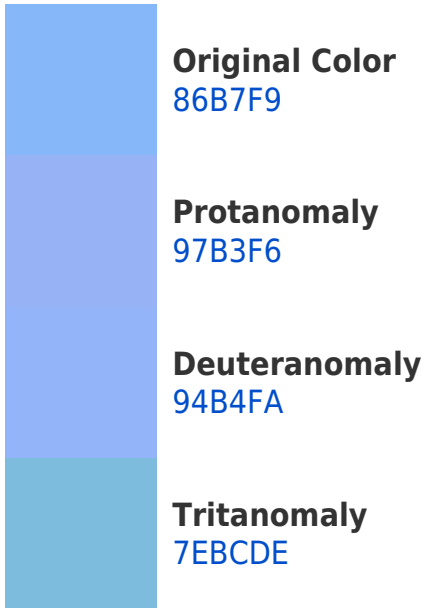
Dichromacy



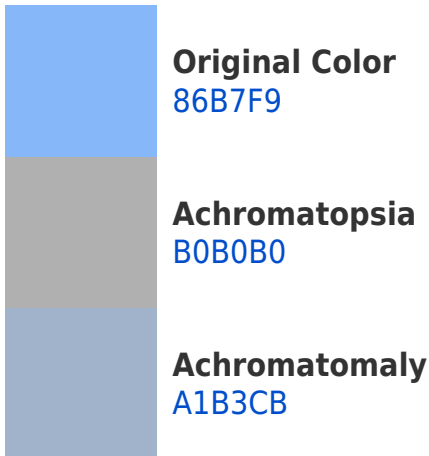


Tritanopia
79BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B7F9 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 #86B7F9 looks like.

```
.text, #text, p{  
    color:#86B7F9  
}
```

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 #86B7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B7F9
}
```

Border

The CSS property to change the border of an element to Hex 86B7F9 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
#86B7F9 }
```

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

```
.border{ border-color:#86B7F9 }
```

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

Here you see how a box with a 4 pixel #86B7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B7F9; -webkit-box-shadow:4px 4px  
4px 4px #86B7F9; box-shadow:4px 4px 4px  
4px #86B7F9 }
```

Background

The CSS property to change the background color of an element to Hex 86B7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B7F9 }
```

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

```
.background{ background-color:#86B7F9 }
```

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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