

Converting Colors

Hex(86BDF9)

Have a look what the booklet for
Hex(86BDF9) contains.

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Color

Hex(86BDF9)

Conversions

Conversions Part 1

Format	Color
Hex	86BDF9
RGB	134, 189, 249
RGB Percent	53%, 74%, 98%
CMY	0.4745, 0.2588, 0.0235
CMYK	0.46, 0.24, 0.00, 0.02
HSL	211°, 91%, 75%
HSV	211°, 46%, 98%
XYZ	45.1280, 48.3031, 96.5675
YIQ	179.3950, -52.0400, 7.0000

Conversions

Conversions Part 2

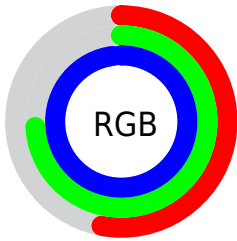
Format	Color
RYB	134, 171, 249
Decimal	8830457
CIELab	75.02, -2.24, -35.23
CIELCh	75, 35.303, 266.359
Yxy	48.3031, 0.2375, 0.2542
Android (android.graphics.Color)	4287020537 (0xFF86BDF9)
YUV	179.3950, 34.3153, -39.8114
Hunter-Lab	69.5004, -5.7221, -33.7303

Details

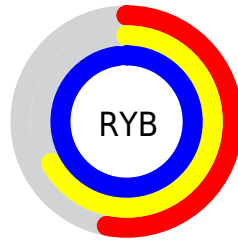
The Hex color **86BDF9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9C286**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C0F5FF**, and **4C88C0** is the 20% darker color. If you saturate the color by 10%, you get **6DB0F9**, and if you desaturate by 10%, it is **9FCAF9**.

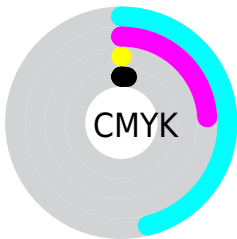
Distribution



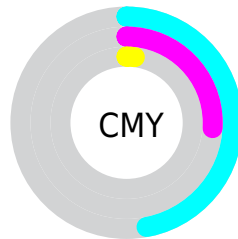
- Red (53%)
- Green (74%)
- Blue (98%)



- 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 86BDF9 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 86BDF9 by changing the saturation by 10% instead.

 86BDF9

 86BDF9

FFFFFF

 69A2DC

 C0F5FF

 4C88C0

 DDFFFF

 2C6FA5

 FBFFFF

 00568A

 003F71

 002A58

 001640

 00032A

 000114

86BDF9

86BDF9

6DB0F9

9FCAF9

54A3F9

B8D7F9

3B96F9

D1E4F9

2289F9

EAF1F9

0A7CF9

FFFEF9

0077F9

FFFFF9

Harmonies

Analogous

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



57C5EE



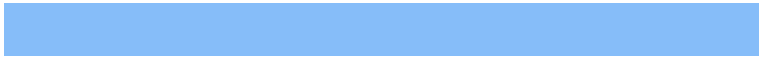
86BDF9



B7B2F3

Triad

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



86BDF9



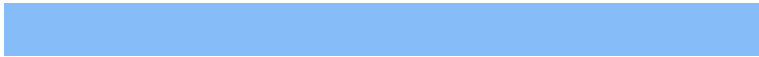
F9A29D



8BC794

Complementary

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



86BDF9



F9C286

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.



B1BF7E



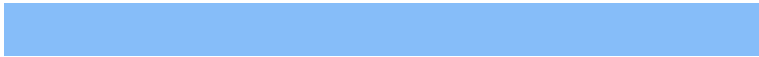
86BDF9



ECAA84

Square

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



86BDF9



F5A0BE



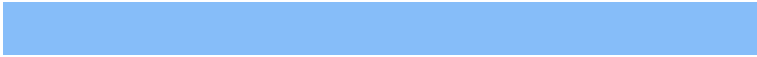
D3B578



64CAB3

Rectangle

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



86BDF9



D3AAE6



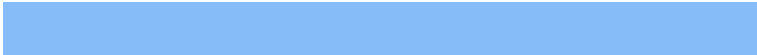
D3B578



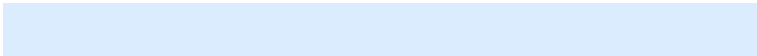
98C58B

Sweetspot

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



86BDF9



DBECFF



86F9C1



6A7480



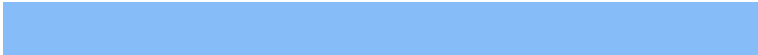
000000



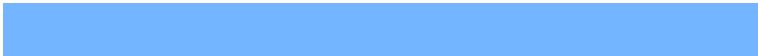
808080

Same Dimension

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



86BDF9



73B6FF



8886F9



70767D



005ABD



001D3D

Inverse Universe

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



F986BD



FF73B6



F7F986



7D7076



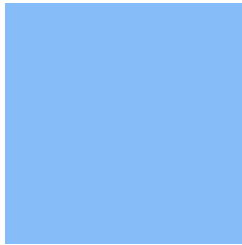
BD005A



3D001D

Previews

White Background



This preview shows how the Hex color 86BDF9 looks on a white background.

Color Contrast Check

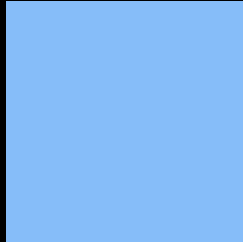
Large Text (above 18pt) WCAG AA × Fail

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 86BDF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

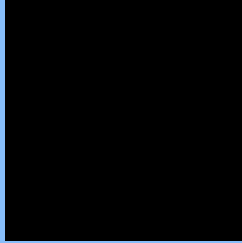
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

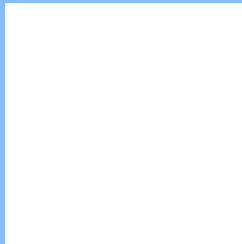
Any Text WCAG AAA ✓ Pass

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

Hex 86BDF9 Background



This preview shows how black text looks on a background with the Hex color 86BDF9.



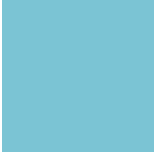
This preview shows how white text looks on a background with the Hex color 86BDF9.

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](#).

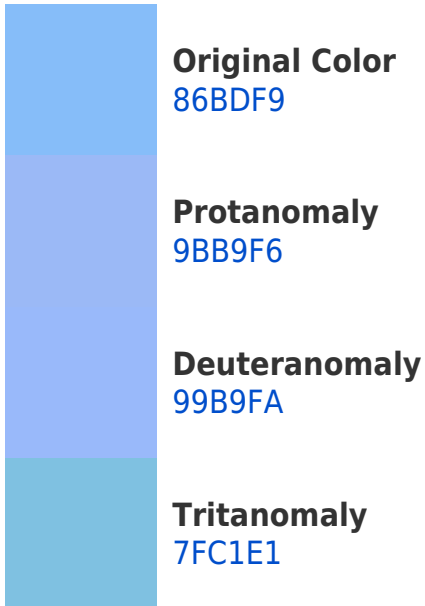
Dichromacy



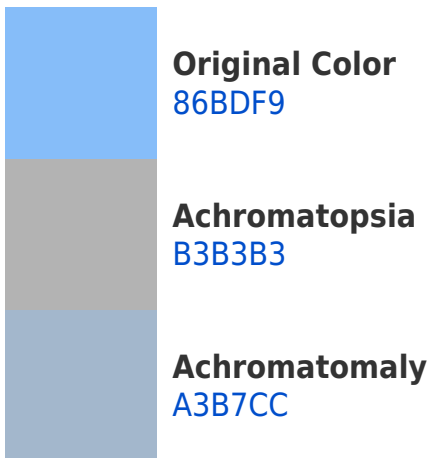


Tritanopia
7BC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86BDF9 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 #86BDF9 looks like.

```
.text, #text, p{  
    color:#86BDF9  
}
```

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 #86BDF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BDF9
}
```

Border

The CSS property to change the border of an element to Hex 86BDF9 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
#86BDF9 }
```

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

```
.border{ border-color:#86BDF9 }
```

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

Here you see how a box with a 4 pixel #86BDF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BDF9; -webkit-box-shadow:4px 4px  
4px 4px #86BDF9; box-shadow:4px 4px 4px  
4px #86BDF9 }
```

Background

The CSS property to change the background color of an element to Hex 86BDF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BDF9 }
```

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

```
.background{ background-color:#86BDF9 }
```

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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