

Converting Colors

Hex(86B0F6)

Have a look what the booklet for
Hex(86B0F6) contains.

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Color

Hex(86B0F6)

Conversions

Conversions Part 1

Format	Color
Hex	86B0F6
RGB	134, 176, 246
RGB Percent	53%, 69%, 96%
CMY	0.4745, 0.3098, 0.0353
CMYK	0.46, 0.28, 0.00, 0.04
HSL	218°, 86%, 75%
HSV	218°, 46%, 96%
XYZ	41.9914, 42.7728, 93.2316
YIQ	171.4220, -47.5020, 12.8660

Conversions

Conversions Part 2

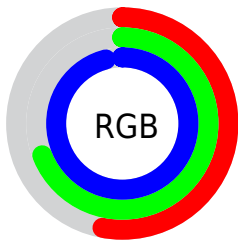
Format	Color
RYB	134, 165, 246
Decimal	8827126
CIELab	71.40, 4.09, -39.23
CIELCh	71, 39.439, 275.946
Yxy	42.7728, 0.2359, 0.2403
Android (android.graphics.Color)	4287017206 (0xFF86B0F6)
YUV	171.4220, 36.7670, -32.8191
Hunter-Lab	65.4009, 0.1563, -38.7395

Details

The Hex color **86B0F6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F6CC86**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **BFE7FF**, and **4D7CBD** is the 20% darker color. If you saturate the color by 10%, you get **6DA1F6**, and if you desaturate by 10%, it is **9FBFF6**.

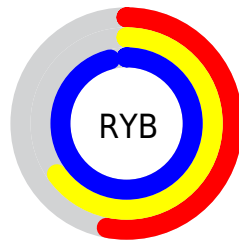
Distribution



Red (53%)

Green (69%)

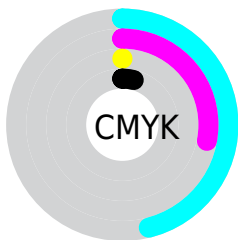
Blue (96%)



Red (53%)

Yellow (65%)

Blue (96%)

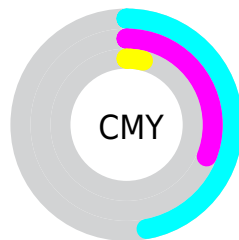


Cyan (46%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (47%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86B0F6 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 86B0F6 by changing the saturation by 10% instead.

 86B0F6

 86B0F6

FFFFFF

 6A95D9

 BFE7FF

 4D7CBD

 DDFFFF

 2D63A2

 FAFFFF

 004B88

 00356E

 002155

 00083E

 000327

 000110

■ 86B0F6

■ 86B0F6

■ 6DA1F6

■ 9FBFF6

■ 5591F6

■ B7CFF6

■ 3C82F6

■ D0DEF6

■ 2473F6

■ E8EEF6

■ 0B63F6

■ FFFDF6

■ 005CF6

■ FFFFF6

Harmonies

Analogous

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



43BAF0



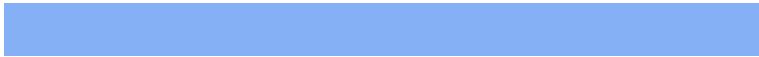
86B0F6



BCA3E9

Triad

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



86B0F6



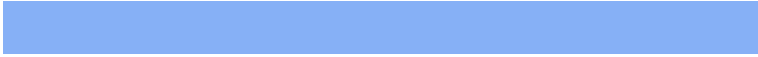
F19786



6DC090

Complementary

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



86B0F6



F6CC86

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.



99B973



86B0F6



DEA36E

Square

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



86B0F6



F493A9



BFAF66



37C2B5

Rectangle

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



86B0F6



D89BD8



BFAF66



7CBE85

Sweetspot

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



86B0F6



DBE9FF



86F6CB



6A7280



000000



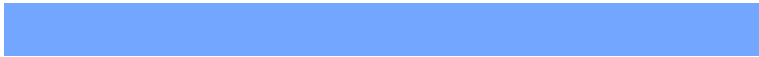
808080

Same Dimension

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



86B0F6



73A7FF



9386F6



6E737A



0046BA



00163B

Inverse Universe

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



F686B0



FF73A7



E9F686



7A6E73



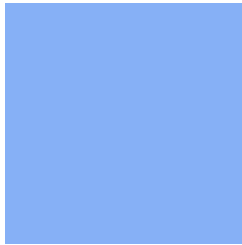
BA0046



3B0016

Previews

White Background



This preview shows how the Hex color 86B0F6 looks on a white background.

Color Contrast Check

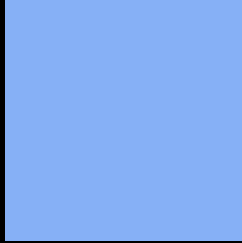
Large Text (above 18pt) WCAG AA × Fail

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 86B0F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

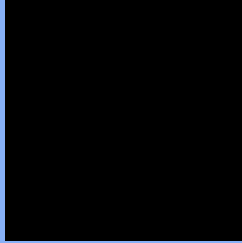
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

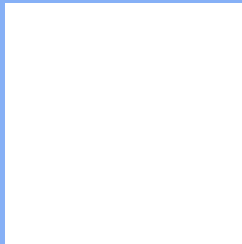
Any Text WCAG AAA ✓ Pass

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

Hex 86B0F6 Background



This preview shows how black text looks on a background with the Hex color 86B0F6.

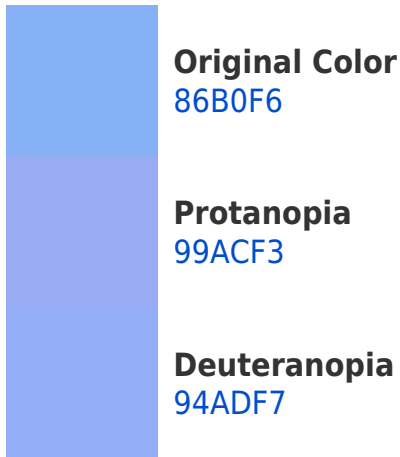


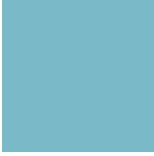
This preview shows how white text looks on a background with the Hex color 86B0F6.

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](#).

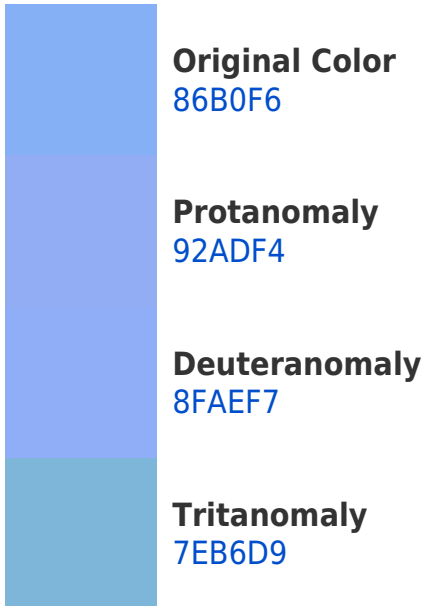
Dichromacy



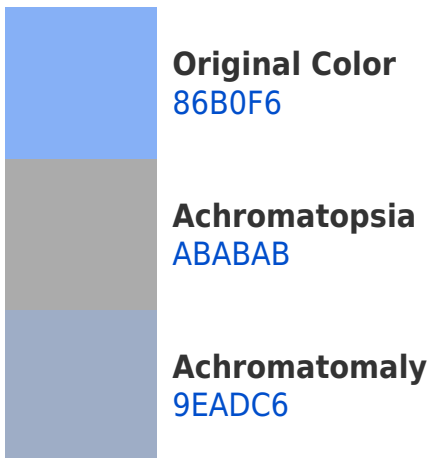


Tritanopia
79B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86B0F6 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 #86B0F6 looks like.

```
.text, #text, p{  
    color:#86B0F6  
}
```

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 #86B0F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86B0F6
}
```

Border

The CSS property to change the border of an element to Hex 86B0F6 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
#86B0F6 }
```

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

```
.border{ border-color:#86B0F6 }
```

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

Here you see how a box with a 4 pixel #86B0F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86B0F6; -webkit-box-shadow:4px 4px  
4px 4px #86B0F6; box-shadow:4px 4px 4px  
4px #86B0F6 }
```

Background

The CSS property to change the background color of an element to Hex 86B0F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86B0F6 }
```

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

```
.background{ background-color:#86B0F6 }
```

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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