

Converting Colors

Hex(86C5F8)

Have a look what the booklet for
Hex(86C5F8) contains.

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Color

Hex(86C5F8)

Conversions

Conversions Part 1

Format	Color
Hex	86C5F8
RGB	134, 197, 248
RGB Percent	53%, 77%, 97%
CMY	0.4745, 0.2275, 0.0275
CMYK	0.46, 0.21, 0.00, 0.03
HSL	207°, 89%, 75%
HSV	207°, 46%, 97%
XYZ	46.7410, 51.7781, 96.3376
YIQ	183.9770, -53.9190, 2.5050

Conversions

Conversions Part 2

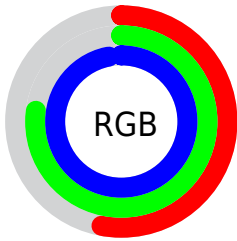
Format	Color
RYB	134, 175, 248
Decimal	8832504
CIELab	77.15, -6.84, -31.40
CIELCh	77, 32.139, 257.713
Yxy	51.7781, 0.2399, 0.2657
Android (android.graphics.Color)	4287022584 (0xFF86C5F8)
YUV	183.9770, 31.5633, -43.8298
Hunter-Lab	71.9570, -9.9768, -29.0088

Details

The Hex color **86C5F8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F8B986**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C0FEFF**, and **4C8FBF** is the 20% darker color. If you saturate the color by 10%, you get **6DBAF8**, and if you desaturate by 10%, it is **9FD0F8**.

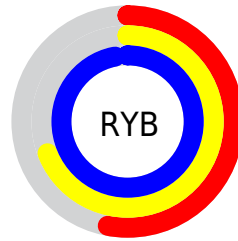
Distribution



Red (53%)

Green (77%)

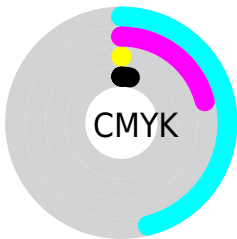
Blue (97%)



Red (53%)

Yellow (69%)

Blue (97%)

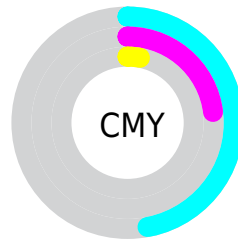


Cyan (46%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (47%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C5F8 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 86C5F8 by changing the saturation by 10% instead.

 86C5F8

 86C5F8

FFFFFF

 69AADB

 C0FEFF

 4C8FBF

 DDFFFF

 2C76A4

 FBFFFF

 005D8A

 004670

 003057

 001B40

 00032A

 000114

86C5F8

86C5F8

6DBAF8

9FD0F8

54AFF8

B8DBF8

3CA4F8

D0E6F8

2399F8

E9F1F8

0A8EF8

FFFCF8

0089F8

FFFFF8

Harmonies

Analogous

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



65CCEA



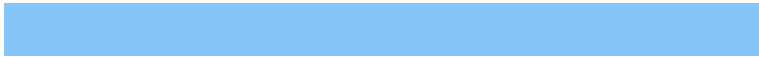
86C5F8



B2BBF7

Triad

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



86C5F8



FAA9AE



A0CA96

Complementary

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



86C5F8



F8B986

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.



C1C285



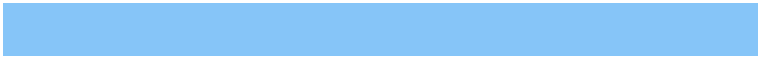
86C5F8



F3AF94

Square

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



86C5F8



F2AACC



DFB885



7DCEB1

Rectangle

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



86C5F8



CDB4EE



DFB885



ABC88F

Sweetspot

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



86C5F8



DBEFFF



86F8B7



6A7680



000000



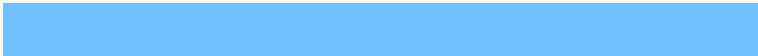
808080

Same Dimension

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



86C5F8



73C0FF



868EF8



70777D



0068BD



00223D

Inverse Universe

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



F886C5



FF73C0



F8F086



7D7077



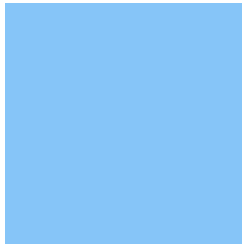
BD0068



3D0022

Previews

White Background



This preview shows how the Hex color 86C5F8 looks on a white background.

Color Contrast Check

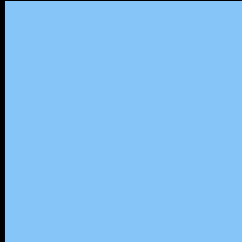
Large Text (above 18pt) WCAG AA × Fail

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 86C5F8 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

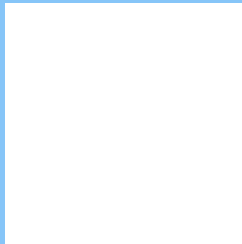
Any Text WCAG AAA ✓ Pass

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

Hex 86C5F8 Background



This preview shows how black text looks on a background with the Hex color 86C5F8.



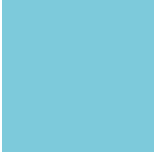
This preview shows how white text looks on a background with the Hex color 86C5F8.

Color Blindness Simulation

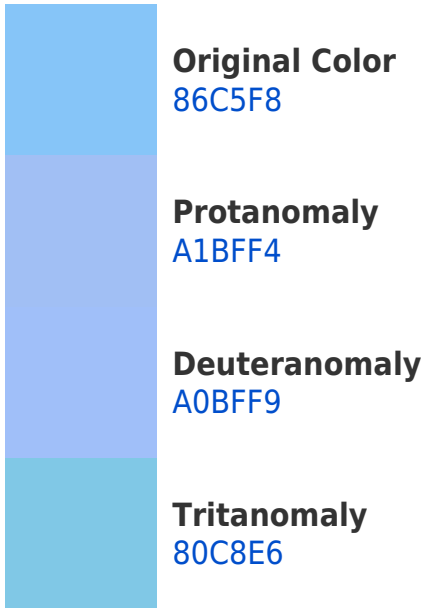
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

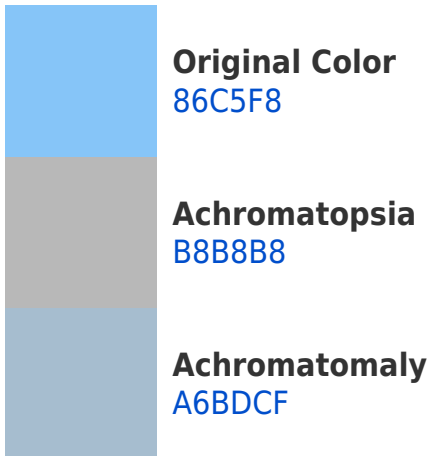




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C5F8 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 #86C5F8 looks like.

```
.text, #text, p{  
    color:#86C5F8  
}
```

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 #86C5F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C5F8
}
```

Border

The CSS property to change the border of an element to Hex 86C5F8 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
#86C5F8 }
```

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

```
.border{ border-color:#86C5F8 }
```

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

Here you see how a box with a 4 pixel #86C5F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C5F8; -webkit-box-shadow:4px 4px  
4px 4px #86C5F8; box-shadow:4px 4px 4px  
4px #86C5F8 }
```

Background

The CSS property to change the background color of an element to Hex 86C5F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C5F8 }
```

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

```
.background{ background-color:#86C5F8 }
```

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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