

Converting Colors

Hex(86BAF8)

Have a look what the booklet for
Hex(86BAF8) contains.

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Color

Hex(86BAF8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 86BAF8 |
| RGB | 134, 186, 248 |
| RGB Percent | 53%, 73%, 97% |
| CMY | 0.4745, 0.2706, 0.0275 |
| CMYK | 0.46, 0.25, 0.00, 0.03 |
| HSL | 213°, 89%, 75% |
| HSV | 213°, 46%, 97% |
| XYZ | 44.3337, 46.9635, 95.5352 |
| YIQ | 177.5200, -50.8940, 8.2580 |

Conversions

Conversions Part 2

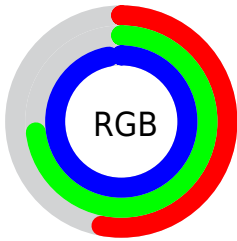
| Format | Color |
|-------------------------------------|---|
| RYB | 134, 170, 248 |
| Decimal | 8829688 |
| CIELab | 74.17, -0.88, -36.01 |
| CIELCh | 74, 36.020, 268.595 |
| Yxy | 46.9635, 0.2373, 0.2514 |
| Android (android.graphics.Color) | 4287019768 (0xFF86BAF8) |
| YUV | 177.5200, 34.7466, -38.1670 |
| Hunter-Lab | 68.5299, -4.4512, -34.6832 |

Details

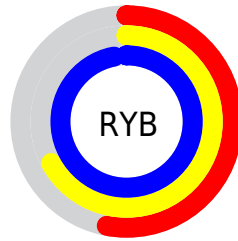
The Hex color **86BAF8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F8C486**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C0F2FF**, and **4C85BF** is the 20% darker color. If you saturate the color by 10%, you get **6DADF8**, and if you desaturate by 10%, it is **9FC7F8**.

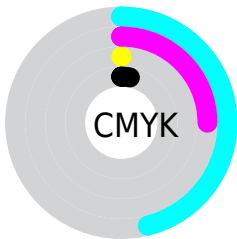
Distribution



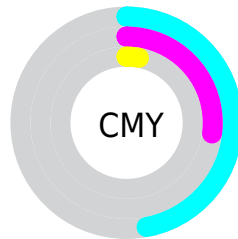
- Red (53%)
- Green (73%)
- Blue (97%)



- Red (53%)
- Yellow (67%)
- Blue (97%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (47%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86BAF8 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 86BAF8 by changing the saturation by 10% instead.

 86BAF8

 86BAF8

FFFFFF

 699FDB

 C0F2FF

 4C85BF

 DDFFFF

 2D6CA4

 FBFFFF

 00548A

 003D70

 002857

 00133F

 000329

 000113

■ 86BAF8

■ 86BAF8

■ 6DADF8

■ 9FC7F8

■ 549FF8

■ B8D5F8

■ 3C92F8

■ D0E2F8

■ 2384F8

■ E9F0F8

■ 0A77F8

■ FFFDF8

■ 0071F8

■ FFFFF8

Harmonies

Analogous

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



53C3EE



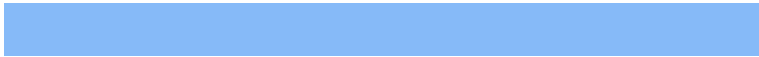
86BAF8



B8AEF0

Triad

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



86BAF8



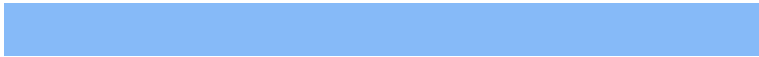
F79F98



85C593

Complementary

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



86BAF8



F8C486

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.



ACBE7B



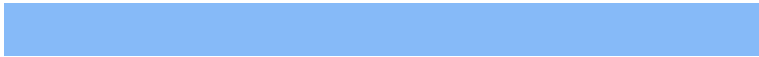
86BAF8



E9A87F

Square

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



86BAF8



F49DB9



CEB474



5CC8B4

Rectangle

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



86BAF8



D4A7E2



CEB474



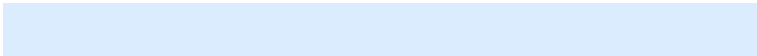
92C38A

Sweetspot

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



86BAF8



DBECFF



86F8C3



6A7480



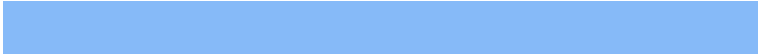
000000



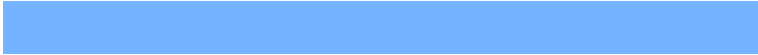
808080

Same Dimension

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



86BAF8



73B3FF



8A86F8



70767D



0056BD



001C3D

Inverse Universe

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



F886BA



FF73B3



F4F886



7D7076



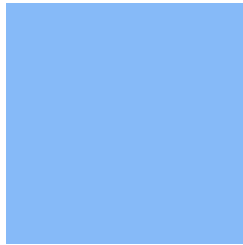
BD0056



3D001C

Previews

White Background



This preview shows how the Hex color 86BAF8 looks on a white background.

Color Contrast Check

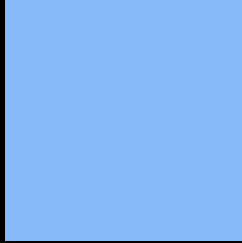
Large Text (above 18pt) WCAG AA × Fail

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 86BAF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

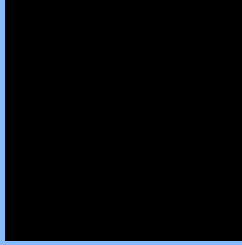
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

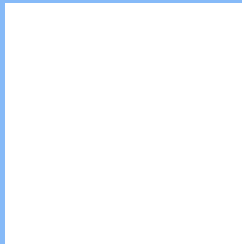
Any Text WCAG AAA ✓ Pass

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

Hex 86BAF8 Background



This preview shows how black text looks on a background with the Hex color 86BAF8.

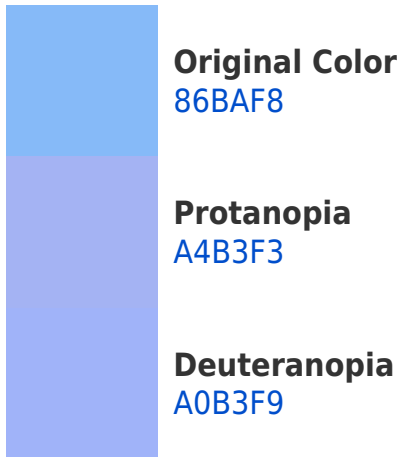


This preview shows how white text looks on a background with the Hex color 86BAF8.

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](#).

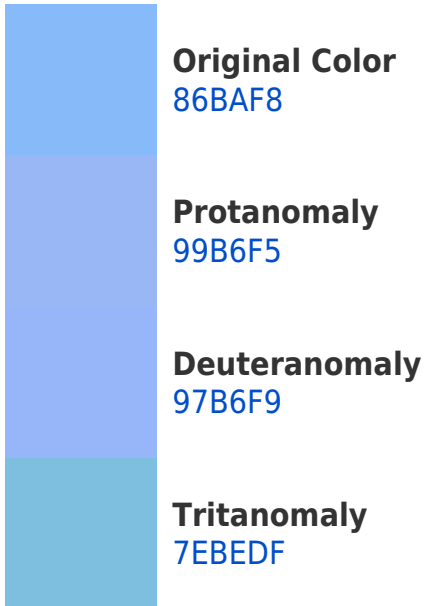
Dichromacy



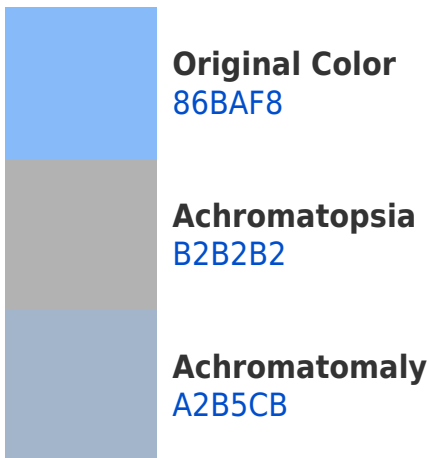


Tritanopia
7AC1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86BAF8 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 #86BAF8 looks like.

```
.text, #text, p{  
    color:#86BAF8  
}
```

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 #86BAF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BAF8  
}
```

Border

The CSS property to change the border of an element to Hex 86BAF8 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  
#86BAF8 }
```

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

```
.border{ border-color:#86BAF8 }
```

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

Here you see how a box with a 4 pixel #86BAF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BAF8; -webkit-box-shadow:4px 4px  
4px 4px #86BAF8; box-shadow:4px 4px 4px  
4px #86BAF8 }
```

Background

The CSS property to change the background color of an element to Hex 86BAF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BAF8 }
```

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

```
.background{ background-color:#86BAF8 }
```

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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