

Converting Colors

Hex(86CAF5)

Have a look what the booklet for
Hex(86CAF5) contains.

Hex(86CAF5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86CAF5)

Conversions

Conversions Part 1

Format	Color
Hex	86CAF5
RGB	134, 202, 245
RGB Percent	53%, 79%, 96%
CMY	0.4745, 0.2078, 0.0392
CMYK	0.45, 0.18, 0.00, 0.04
HSL	203°, 85%, 74%
HSV	203°, 45%, 96%
XYZ	47.4335, 53.9020, 94.2903
YIQ	186.5700, -54.3310, -1.0430

Conversions

Conversions Part 2

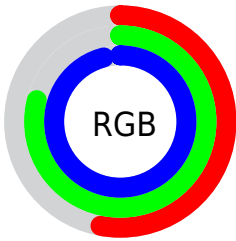
Format	Color
RYB	134, 176, 245
Decimal	8833781
CIELab	78.40, -10.32, -27.87
CIELCh	78, 29.715, 249.685
Yxy	53.9020, 0.2425, 0.2755
Android (android.graphics.Color)	4287023861 (0xFF86CAF5)
YUV	186.5700, 28.8060, -46.1039
Hunter-Lab	73.4180, -13.1571, -24.7533

Details

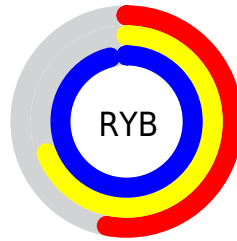
The Hex color **86CAF5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F5B186**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C0FFFF**, and **4C94BD** is the 20% darker color. If you saturate the color by 10%, you get **6EC1F5**, and if you desaturate by 10%, it is **9FD3F5**.

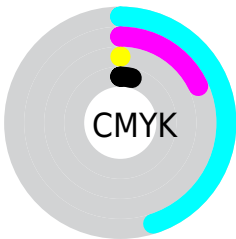
Distribution



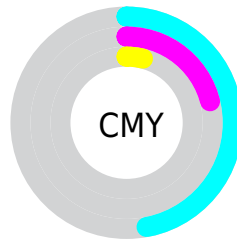
- Red (53%)
- Green (79%)
- Blue (96%)



- Red (53%)
- Yellow (69%)
- Blue (96%)



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (47%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86CAF5 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 86CAF5 by changing the saturation by 10% instead.

 86CAF5

 86CAF5

FFFFFF

 69AFD8

 C0FFFF

 4C94BD

 DDFFFF

 2C7AA1

 FBFFFF


 006187

 004A6E

 003355

 001E3E

 000328

 000111

 86CAF5

 86CAF5

 6EC1F5

 9FD3F5

 55B7F5

 B7DDF5

 3CAEF5

 D0E6F5

 24A4F5

 E8F0F5

 0C9BF5

 FFF9F5

 0096F5

 FFFFF5

Harmonies

Analogous

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



6FD0E4



86CAF5



ACC1F8

Triad

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



86CAF5



F9AEBA



AECB97

Complementary

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



86CAF5



F5B186

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.



CDC38B



86CAF5



F6B2A0

Square

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



86CAF5



EDB0D6



E6BA8F



8FD0AE

Rectangle

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



86CAF5



C6BBF2



E6BA8F



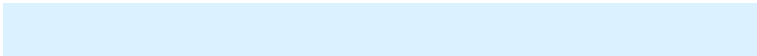
B9C991

Sweetspot

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



86CAF5



DBF1FF



86F5B1



6A7780



000000



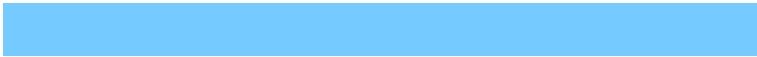
808080

Same Dimension

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



86CAF5



75CAFF



8693F5



6E767A



0072BA



00243B

Inverse Universe

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



F586CA



FF75CA



F5E886



7A6E76



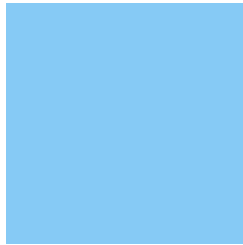
BA0072



3B0024

Previews

White Background



This preview shows how the Hex color 86CAF5 looks on a white background.

Color Contrast Check

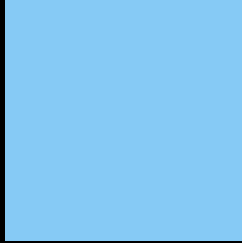
Large Text (above 18pt) WCAG AA × Fail

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 86CAF5 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

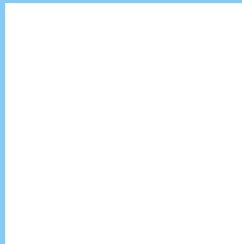
Any Text WCAG AAA ✓ Pass

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

Hex 86CAF5 Background



This preview shows how black text looks on a background with the Hex color 86CAF5.

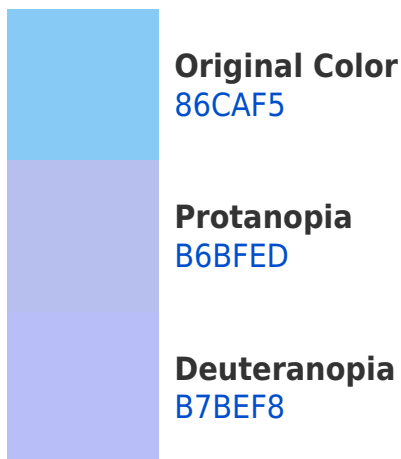


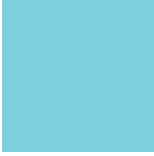
This preview shows how white text looks on a background with the Hex color 86CAF5.

Color Blindness Simulation

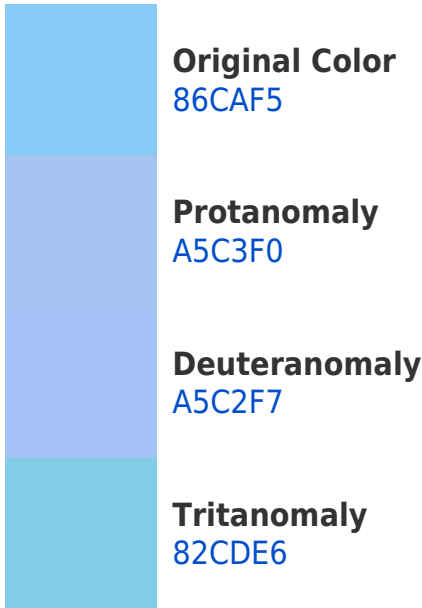
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

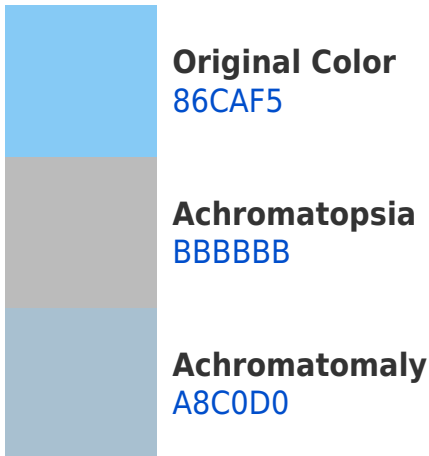




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86CAF5 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 #86CAF5 looks like.

```
.text, #text, p{  
    color:#86CAF5  
}
```

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 #86CAF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86CAF5
}
```

Border

The CSS property to change the border of an element to Hex 86CAF5 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
#86CAF5 }
```

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

```
.border{ border-color:#86CAF5 }
```

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

Here you see how a box with a 4 pixel #86CAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86CAF5; -webkit-box-shadow:4px 4px  
4px 4px #86CAF5; box-shadow:4px 4px 4px  
4px #86CAF5 }
```

Background

The CSS property to change the background color of an element to Hex 86CAF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86CAF5 }
```

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

```
.background{ background-color:#86CAF5 }
```

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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