

Converting Colors

Hex(86C3EF)

Have a look what the booklet for
Hex(86C3EF) contains.

Hex(86C3EF)	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(86C3EF)

Conversions

Conversions Part 1

Format	Color
Hex	86C3EF
RGB	134, 195, 239
RGB Percent	53%, 76%, 94%
CMY	0.4745, 0.2353, 0.0627
CMYK	0.44, 0.18, 0.00, 0.06
HSL	205°, 77%, 73%
HSV	205°, 44%, 94%
XYZ	44.9266, 50.3305, 89.0082
YIQ	181.7770, -50.4800, 0.7520

Conversions

Conversions Part 2

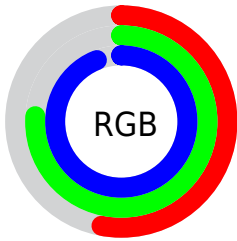
Format	Color
RYB	134, 173, 239
Decimal	8831983
CIELab	76.27, -8.24, -27.92
CIELCh	76, 29.106, 253.561
Yxy	50.3305, 0.2438, 0.2731
Android (android.graphics.Color)	4287022063 (0xFF86C3EF)
YUV	181.7770, 28.2109, -41.9004
Hunter-Lab	70.9440, -11.1136, -24.7260

Details

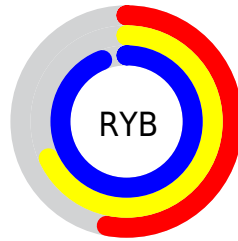
The Hex color **86C3EF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EFB286**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BFFBFF**, and **4D8DB7** is the 20% darker color. If you saturate the color by 10%, you get **6EB9EF**, and if you desaturate by 10%, it is **9ECDEF**.

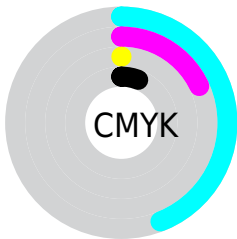
Distribution



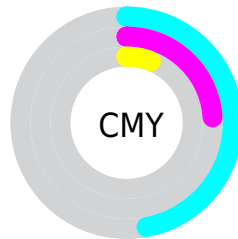
- Red (53%)
- Green (76%)
- Blue (94%)



- Red (53%)
- Yellow (68%)
- Blue (94%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (47%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C3EF 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 86C3EF by changing the saturation by 10% instead.

86C3EF

86C3EF

FFFFFF

6AA8D3

BFFBFF

4D8DB7

DCFFFF

2F749C

FAFFFF

005B82

004468

002E50

001A39

000223

00000A

 86C3EF

 86C3EF

 6EB9EF

 9ECDEF

 56AFEF

 B6D7EF

 3EA5EF

 CEE1EF

 269BEF

 E6EBEF

 0F91EF

 FDF5EF

 008BEF

 FFFFEF

Harmonies

Analogous

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



6DC9E0



86C3EF



ACBAF0

Triad

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



86C3EF



F2A9B1



A5C694

Complementary

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



86C3EF



EFB286

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.



C3BE88



86C3EF



EEAD98

Square

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



86C3EF



E8AACC



DDB589



86CAAC

Rectangle

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



86C3EF



C4B4E9



DDB589



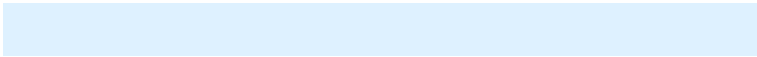
AFC38F

Sweetspot

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



86C3EF



DEF1FF



86EFB2



6B7780



000000



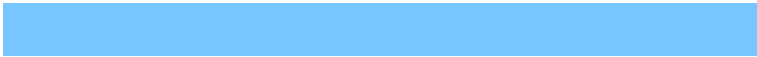
808080

Same Dimension

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



86C3EF



78C6FF



868FEF



6C7378



006BB8



002138

Inverse Universe

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



EF86C3



FF78C6



EFE686



786C73



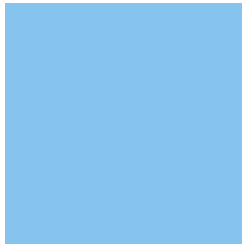
B8006B



380021

Previews

White Background



This preview shows how the Hex color 86C3EF looks on a white background.

Color Contrast Check

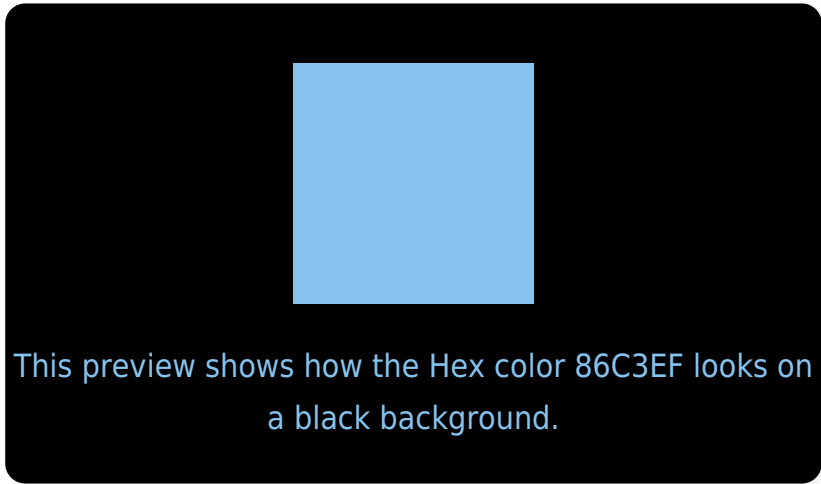
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

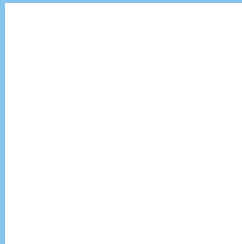
Any Text WCAG AAA ✓ Pass

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

Hex 86C3EF Background



This preview shows how black text looks on a background with the Hex color 86C3EF.

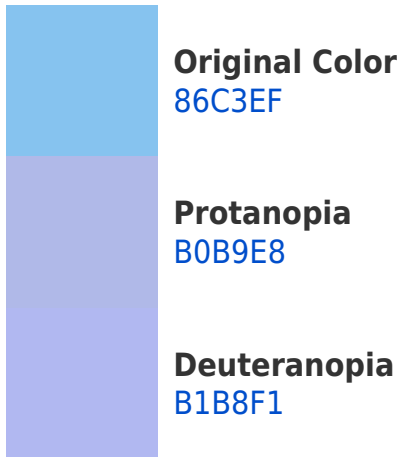


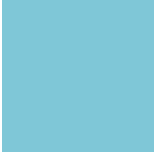
This preview shows how white text looks on a background with the Hex color 86C3EF.

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](#).

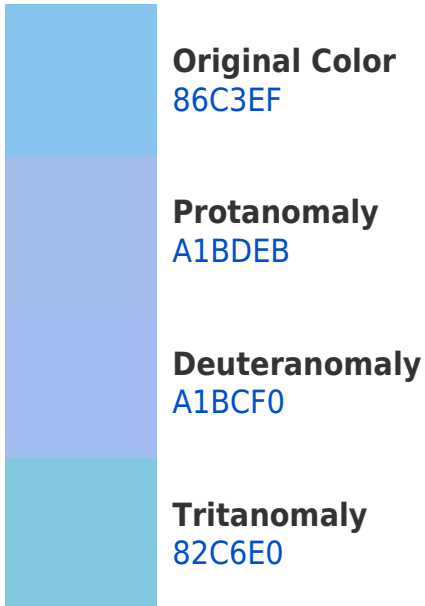
Dichromacy



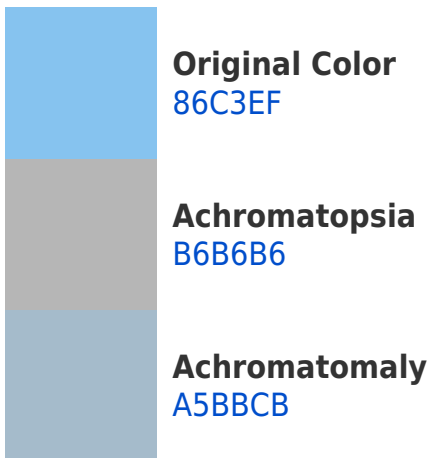


Tritanopia
7FC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C3EF 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 #86C3EF looks like.

```
.text, #text, p{  
    color:#86C3EF  
}
```

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 #86C3EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C3EF
}
```

Border

The CSS property to change the border of an element to Hex 86C3EF 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
#86C3EF }
```

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

```
.border{ border-color:#86C3EF }
```

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

Here you see how a box with a 4 pixel #86C3EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C3EF; -webkit-box-shadow:4px 4px  
4px 4px #86C3EF; box-shadow:4px 4px 4px  
4px #86C3EF }
```

Background

The CSS property to change the background color of an element to Hex 86C3EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C3EF }
```

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

```
.background{ background-color:#86C3EF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor