

Converting Colors

Hex(86C4E9)

Have a look what the booklet for
Hex(86C4E9) contains.

Hex(86C4E9)	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(86C4E9)

Conversions

Conversions Part 1

Format	Color
Hex	86C4E9
RGB	134, 196, 233
RGB Percent	53%, 77%, 91%
CMY	0.4745, 0.2314, 0.0863
CMYK	0.42, 0.16, 0.00, 0.09
HSL	202°, 69%, 72%
HSV	202°, 42%, 91%
XYZ	44.2794, 50.4314, 84.4912
YIQ	181.6800, -48.8290, -1.6370

Conversions

Conversions Part 2

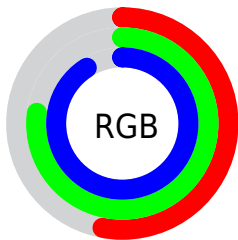
Format	Color
RYB	134, 172, 233
Decimal	8832233
CIELab	76.33, -10.38, -24.59
CIElCh	76, 26.693, 247.112
Yxy	50.4314, 0.2471, 0.2814
Android (android.graphics.Color)	4287022313 (0xFF86C4E9)
YUV	181.6800, 25.3008, -41.8154
Hunter-Lab	71.0151, -12.9777, -20.8306

Details

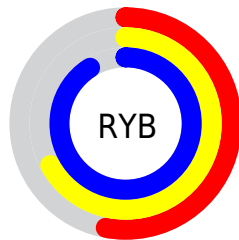
The Hex color **86C4E9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9AB86**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BFFDFF**, and **4E8EB1** is the 20% darker color. If you saturate the color by 10%, you get **6FBBE9**, and if you desaturate by 10%, it is **9DCDE9**.

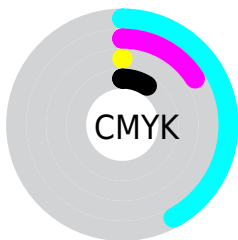
Distribution



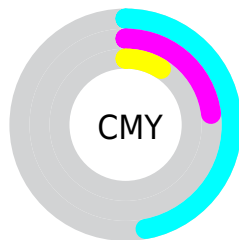
- Red (53%)
- Green (77%)
- Blue (91%)



- Red (53%)
- Yellow (67%)
- Blue (91%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C4E9 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 86C4E9 by changing the saturation by 10% instead.

 86C4E9

 86C4E9

FFFFFF

 6AA9CD

 BFFDFF

 4E8EB1

 DCFFFF

 307596

 F9FFFF

 055C7C

 004563

 002E4B

 001A34

 00021F

 000003

86C4E9

86C4E9

6FBBE9

9DCDE9

57B3E9

B5D5E9

40AAE9

CCDEE9

29A1E9

E3E7E9

1198E9

FBF0E9

0092E9

FFF8E9

FFFFE9

Harmonies

Analogous

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



75C9D9



86C4E9



A6BDED

Triad

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



86C4E9



EEAAB7



ADC494

Complementary

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



86C4E9



E9AB86

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.



C9BD8B



86C4E9



ECADA0

Square

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



86C4E9



E1ADD0



DFB490



91C9A8

Rectangle

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



86C4E9



BDB7E8



DFB490



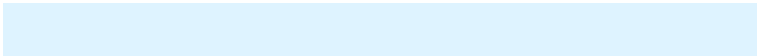
B7C290

Sweetspot

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



86C4E9



DEF3FF



86E9AA



6B7880



000000



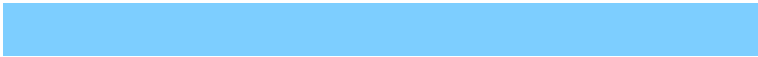
808080

Same Dimension

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



86C4E9



7DCEFF



8693E9



6A7175



0071B5



002236

Inverse Universe

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



E986C4



FF7DCE



E9DC86



756A71



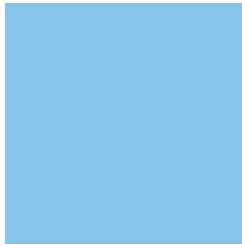
B50071



360022

Previews

White Background



This preview shows how the Hex color 86C4E9 looks on a white background.

Color Contrast Check

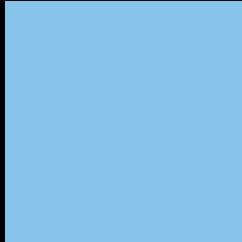
Large Text (above 18pt) WCAG AA × Fail

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 86C4E9 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

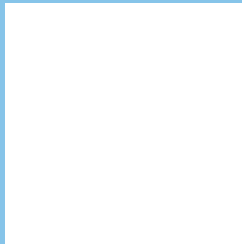
Any Text WCAG AAA ✓ Pass

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

Hex 86C4E9 Background



This preview shows how black text looks on a background with the Hex color 86C4E9.

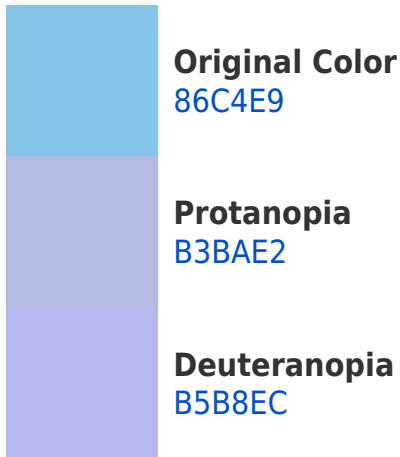


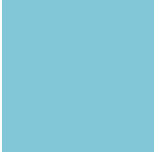
This preview shows how white text looks on a background with the Hex color 86C4E9.

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](#).

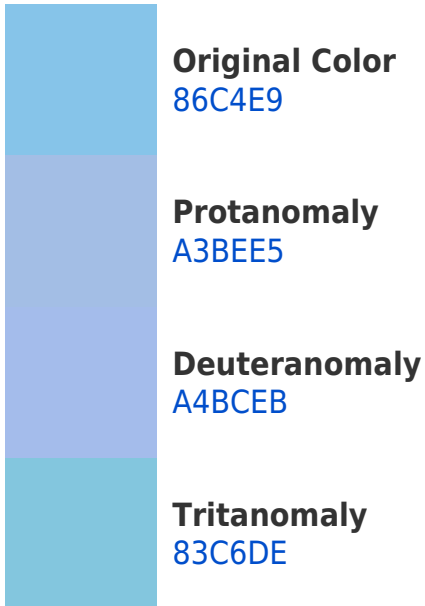
Dichromacy



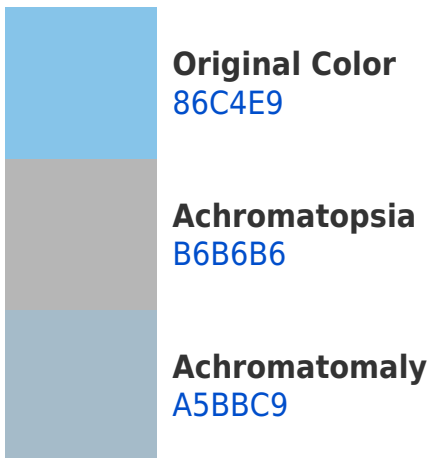


Tritanopia
81C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C4E9 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 #86C4E9 looks like.

```
.text, #text, p{  
    color:#86C4E9  
}
```

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 #86C4E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C4E9
}
```

Border

The CSS property to change the border of an element to Hex 86C4E9 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
#86C4E9 }
```

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

```
.border{ border-color:#86C4E9 }
```

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

Here you see how a box with a 4 pixel #86C4E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C4E9; -webkit-box-shadow:4px 4px  
4px 4px #86C4E9; box-shadow:4px 4px 4px  
4px #86C4E9 }
```

Background

The CSS property to change the background color of an element to Hex 86C4E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C4E9 }
```

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

```
.background{ background-color:#86C4E9 }
```

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