

Converting Colors

Hex(89EFF0)

Have a look what the booklet for
Hex(89EFF0) contains.

Hex(89EFF0)	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(89EFF0)

Conversions

Conversions Part 1

Format	Color
Hex	89EFF0
RGB	137, 239, 240
RGB Percent	54%, 94%, 94%
CMY	0.4627, 0.0627, 0.0588
CMYK	0.43, 0.00, 0.00, 0.06
HSL	181°, 77%, 74%
HSV	181°, 43%, 94%
XYZ	56.9112, 73.3426, 93.5951
YIQ	208.6160, -61.1130, -21.3130

Conversions

Conversions Part 2

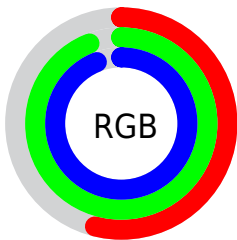
Format	Color
RYB	137, 188, 240
Decimal	9039856
CIELab	88.61, -29.48, -9.80
CIELCh	89, 31.067, 198.388
Yxy	73.3426, 0.2542, 0.3276
Android (android.graphics.Color)	4287229936 (0xFF89EFF0)
YUV	208.6160, 15.4723, -62.8072
Hunter-Lab	85.6403, -31.2506, -4.8490

Details

The Hex color **89EFF0** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F08A89**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **C3FFFF**, and **4EB7B8** is the 20% darker color. If you saturate the color by 10%, you get **71EFF0**, and if you desaturate by 10%, it is **A1EFF0**.

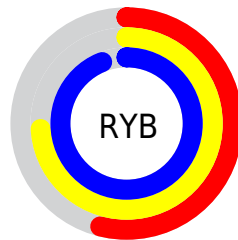
Distribution



Red (54%)

Green (94%)

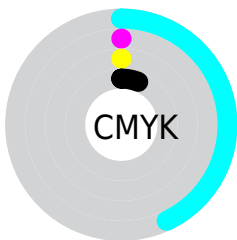
Blue (94%)



Red (54%)

Yellow (74%)

Blue (94%)

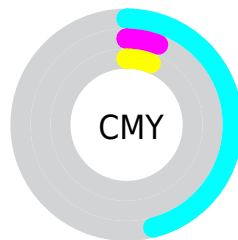


Cyan (43%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (46%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89EFF0 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 89EFF0 by changing the saturation by 10% instead.

 89EFF0

 89EFF0

FFFFFF

 6CD3D4

 C3FFFF

 4EB7B8

 E1FFFF

 2C9C9D

 008183

 00686A

 004F52

 00383B

 002325

 000111

 89EFF0

 89EFF0

 71EFF0

 A1EFF0

 59EFF0

 B9EFF0

 41EEF0

 D1F0F0

 29EEF0

 E9F0F0

 11EEF0

 FFF0F0

 00EEF0

 FFF1F0

Harmonies

Analogous

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



9FEED2



89EFF0



8CECFE

Triad

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



89EFF0



F9D1FF



FFD9A5

Complementary

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



89EFF0



F08A89

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.



FFCFB3



89EFF0



FFCAEB

Square

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



89EFF0



D4DBFF



FFC9CD



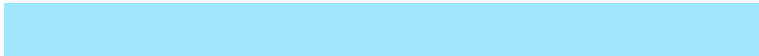
E1E2A6

Rectangle

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



89EFF0



9EE7FF



FFC9CD



FFD5A8

Sweetspot

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



89EFF0



DEFFFF



89F089



6B7F80



000000



808080

Same Dimension

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



89EFF0



7AFEFF



89BCF0



6C7878



00B6B8



003838

Inverse Universe

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



F089EF



FF7AFE



F0BC89



786C78



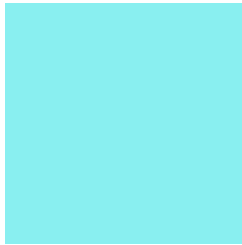
B800B6



380038

Previews

White Background



This preview shows how the Hex color 89EFF0 looks on a white background.

Color Contrast Check

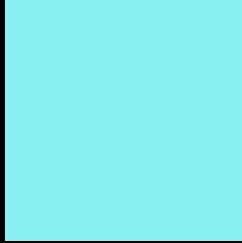
Large Text (above 18pt) WCAG AA × Fail

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 89EFF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

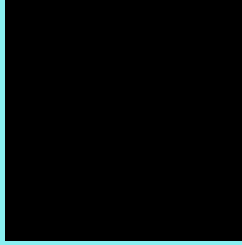
Any Text WCAG AA ✓ Pass

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 89EFF0 Background



This preview shows how black text looks on a background with the Hex color 89EFF0.

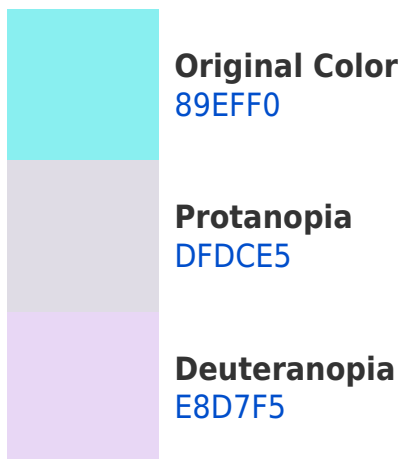


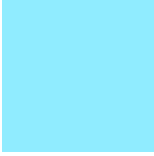
This preview shows how white text looks on a background with the Hex color 89EFF0.

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



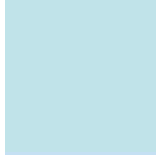


Tritanopia
90ECFF

Trichromacy



Original Color
89EFF0



Protanomaly
C0E3E9



Deuteranomaly
C5E0F3

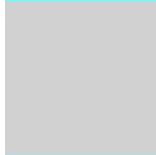


Tritanomaly
8DEDFA

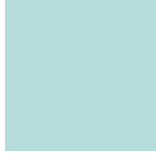
Monochromacy



Original Color
89EFF0



Achromatopsia
D1D1D1



Achromatomaly
B7DCDC

CSS Examples

Text

The CSS property to change the color of the text to Hex 89EFF0 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 #89EFF0 looks like.

```
.text, #text, p{  
    color:#89EFF0  
}
```

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 #89EFF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89EFF0  
}
```

Border

The CSS property to change the border of an element to Hex 89EFF0 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  
#89EFF0 }
```

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

```
.border{ border-color:#89EFF0 }
```

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

Here you see how a box with a 4 pixel #89EFF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89EFF0; -webkit-box-shadow:4px 4px  
4px 4px #89EFF0; box-shadow:4px 4px 4px  
4px #89EFF0 }
```

Background

The CSS property to change the background color of an element to Hex 89EFF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89EFF0 }
```

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

```
.background{ background-color:#89EFF0 }
```

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