

# Converting Colors

Hex(83F4EF)

Have a look what the booklet for  
Hex(83F4EF) contains.

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**Color**

**Hex(83F4EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83F4EF
RGB	131, 244, 239
RGB Percent	51%, 96%, 94%
CMY	0.4863, 0.0431, 0.0627
CMYK	0.46, 0.00, 0.02, 0.04
HSL	177°, 84%, 74%
HSV	177°, 46%, 96%
XYZ	57.2907, 75.7587, 93.2647
YIQ	209.6430, -65.7430, -25.5110

# Conversions

## Conversions Part 2

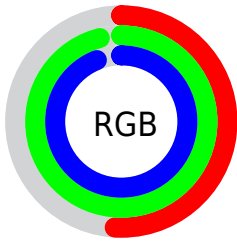
Format	Color
<b>RYB</b>	131, 189, 244
Decimal	8647919
CIELab	89.75, -33.44, -7.62
CIElCh	90, 34.301, 192.830
Yxy	75.7587, 0.2531, 0.3348
Android (android.graphics.Color)	4286837999 (0xFF83F4EF)
YUV	209.6430, 14.4730, -68.9699
Hunter-Lab	87.0394, -34.8275, -2.6029

# Details

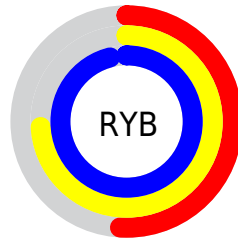
The Hex color **83F4EF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F48388**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **BEFFFF**, and **45BBB7** is the 20% darker color. If you saturate the color by 10%, you get **6BF4EE**, and if you desaturate by 10%, it is **9BF4F0**.

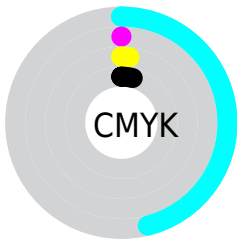
# Distribution



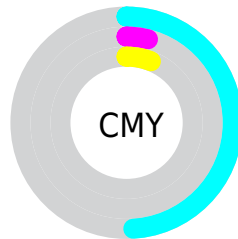
- Red (51%)
- Green (96%)
- Blue (94%)



- Red (51%)
- Yellow (74%)
- Blue (96%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (49%)
- Magenta (4%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83F4EF 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 83F4EF by changing the saturation by 10% instead.



 83F4EF

FFFFFF

 BEFFFF

 DCFFFF

 FAFFFF

 83F4EF


 65D7D3

 45BBB7

 1EA09C

 008682

 006C69

 005351

 003B3A

 002625

 000110

 83F4EF

 83F4EF

 6BF4EE

 9BF4F0

 52F4ED

 B4F4F1

 3AF4EC

 CCF4F2

 21F4EB

 E5F4F3

 09F4EA

 FDF4F4

 00F4E9

 FFF4F5

 FFF4F7

 FFF4F8

 FFF4F9

# Harmonies

## Analogous

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



A1F3CD



83F4EF



7FF1FF

# Triad

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



83F4EF



F8D4FF



FFD9A4

# Complementary

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



83F4EF



F48388

# 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.



FFCFB7



83F4EF



FFCCF6

# Square

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



83F4EF



CCE0FF



FFCAD5



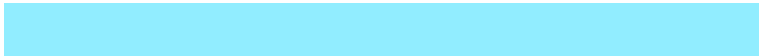
EBE4A1

# Rectangle

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



83F4EF



91EDFF



FFCAD5



FFD5A8

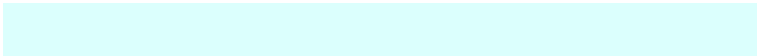


# Sweetspot

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



83F4EF



DBFFFD



89F483



6A807F



000000



808080



# Same Dimension

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



83F4EF



70FFF9



83C1F4



6E7A7A



00BAB2



003B38



# Inverse Universe

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



F48388



FF7077



F4B683



7A6E6F



BA0008

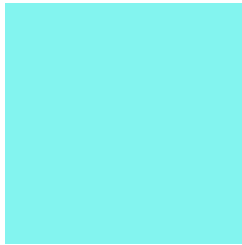


3B0003



# Previews

## White Background



This preview shows how the Hex color 83F4EF looks on a white background.

## Color Contrast Check

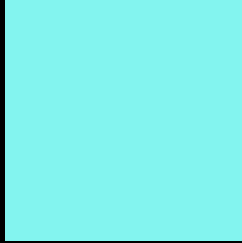
Large Text (above 18pt) WCAG AA × Fail

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 83F4EF 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 83F4EF Background



This preview shows how black text looks on a background with the Hex color 83F4EF.

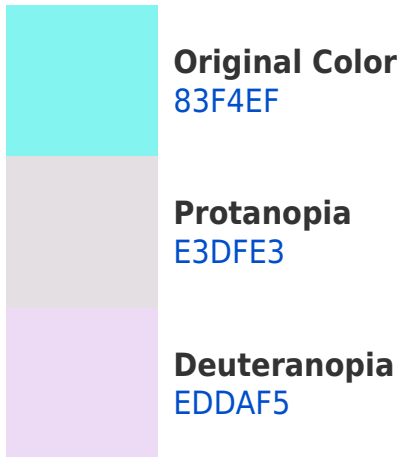


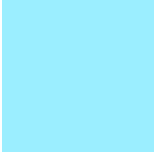
This preview shows how white text looks on a background with the Hex color 83F4EF.

# 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**  
9BEEFF

# Trichromacy



**Original Color**  
83F4EF



**Protanomaly**  
C0E7E7



**Deuteranomaly**  
C6E3F3

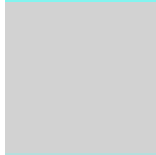


**Tritanomaly**  
92F0F9

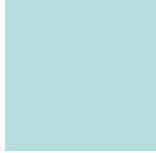
# Monochromacy



**Original Color**  
83F4EF



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
B5DEDD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83F4EF 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 #83F4EF looks like.

```
.text, #text, p{  
    color:#83F4EF  
}
```

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 #83F4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83F4EF  
}
```

## Border

The CSS property to change the border of an element to Hex 83F4EF 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  
#83F4EF }
```

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

```
.border{ border-color:#83F4EF }
```

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

Here you see how a box with a 4 pixel #83F4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83F4EF; -webkit-box-shadow:4px 4px  
4px 4px #83F4EF; box-shadow:4px 4px 4px  
4px #83F4EF }
```

# Background

The CSS property to change the background color of an element to Hex 83F4EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83F4EF }
```

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

```
.background{ background-color:#83F4EF }
```

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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