

Converting Colors

Hex(8EF799)

Have a look what the booklet for
Hex(8EF799) contains.

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Color

Hex(8EF799)

Conversions

Conversions Part 1

Format	Color
Hex	8EF799
RGB	142, 247, 153
RGB Percent	56%, 97%, 60%
CMY	0.4431, 0.0314, 0.4000
CMYK	0.43, 0.00, 0.38, 0.03
HSL	126°, 87%, 76%
HSV	126°, 43%, 97%
XYZ	50.1659, 74.5722, 41.8869
YIQ	204.8890, -32.4060, -51.4940

Conversions

Conversions Part 2

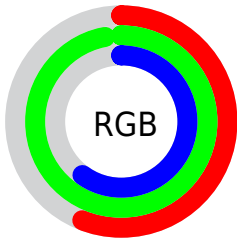
Format	Color
RYB	142, 237, 247
Decimal	9369497
CIELab	89.19, -49.34, 35.91
CIElCh	89, 61.025, 143.955
Yxy	74.5722, 0.3011, 0.4475
Android (android.graphics.Color)	4287559577 (0xFF8EF799)
YUV	204.8890, -25.5813, -55.1537
Hunter-Lab	86.3552, -47.4266, 31.6899

Details

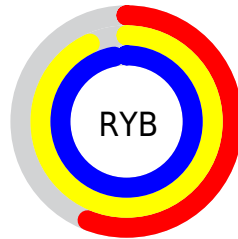
The Hex color **8EF799** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F78EEC**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C8FFD0**, and **54BE65** is the 20% darker color. If you saturate the color by 10%, you get **75F783**, and if you desaturate by 10%, it is **A7F7AF**.

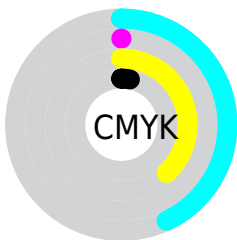
Distribution



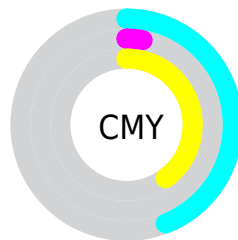
- Red (56%)
- Green (97%)
- Blue (60%)



- Red (56%)
- Yellow (93%)
- Blue (97%)



- Cyan (43%)
- Magenta (0%)
- Yellow (38%)
- Black (3%)



- Cyan (44%)
- Magenta (3%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EF799 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 8EF799 by changing the saturation by 10% instead.

 8EF799

 8EF799

FFFFFF

 71DA7E

 C8FFD0

 54BE65

 E5FFED

 36A24C

 0A8733

 006D1B

 005400

 003C00

 002600

 000000

 8EF799

 8EF799

 75F783

 A7F7AF

 5DF76D

 BFF7C5

 44F757

 D8F7DB

 2BF741

 F1F7F1

 13F72A

 FFF7FF

 00F71A

Harmonies

Analogous

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



D4EB71



8EF799



00FDD2

Triad

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



8EF799



55EAFF



FFB2B4

Complementary

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



8EF799



F78EEC

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.



FFB0EE



8EF799



D2D5FF

Square

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



8EF799



00F7FF



FFBFFF



FFC383

Rectangle

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



8EF799



00FEFA



FFBFFF



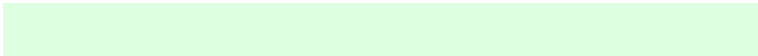
FFB0C7

Sweetspot

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



8EF799



DEFFE1



EDF78E



6B806D



000000



808080

Same Dimension

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



8EF799



7DFF8B



8EF7CD



6E7A6F



00BA14



003B06

Inverse Universe

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



F78EEC



FF7DF1



F78EB8



7A6E79



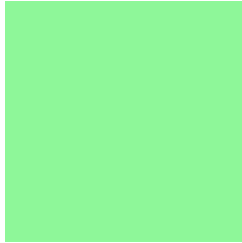
BA00A7



3B0035

Previews

White Background



This preview shows how the Hex color 8EF799 looks on a white background.

Color Contrast Check

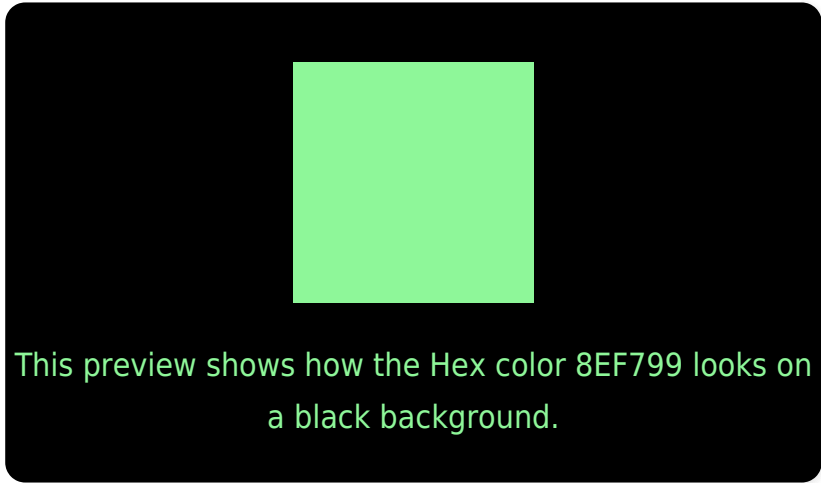
Large Text (above 18pt) WCAG AA × Fail

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 8EF799 Background



This preview shows how black text looks on a background with the Hex color 8EF799.



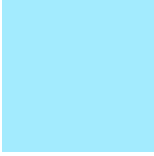
This preview shows how white text looks on a background with the Hex color 8EF799.

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



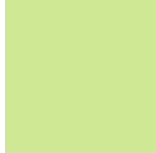


Tritanopia
A3EBFE

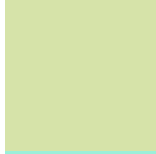
Trichromacy



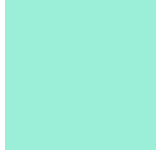
Original Color
8EF799



Protanomaly
CEE893



Deuteranomaly
D6E3A9

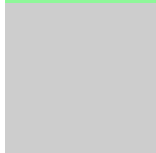


Tritanomaly
9BEFD9

Monochromacy



Original Color
8EF799



Achromatopsia
CDCDCD



Achromatomaly
B6DCBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EF799 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 #8EF799 looks like.

```
.text, #text, p{  
    color:#8EF799  
}
```

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 #8EF799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EF799
}
```

Border

The CSS property to change the border of an element to Hex 8EF799 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
#8EF799 }
```

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

```
.border{ border-color:#8EF799 }
```

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

Here you see how a box with a 4 pixel #8EF799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EF799; -webkit-box-shadow:4px 4px  
4px 4px #8EF799; box-shadow:4px 4px 4px  
4px #8EF799 }
```

Background

The CSS property to change the background color of an element to Hex 8EF799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EF799 }
```

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

```
.background{ background-color:#8EF799 }
```

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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