

Converting Colors

Hex(8EFF0A)

Have a look what the booklet for
Hex(8EFF0A) contains.

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Color

Hex(8EFF0A)

Conversions

Conversions Part 1

Format	Color
Hex	8EFF0A
RGB	142, 255, 10
RGB Percent	56%, 100%, 4%
CMY	0.4431, 0.0000, 0.9608
CMYK	0.44, 0.00, 0.96, 0.00
HSL	88°, 100%, 52%
HSV	88°, 96%, 100%
XYZ	46.9701, 77.2927, 12.7306
YIQ	193.2830, 11.2970, -100.1510

Conversions

Conversions Part 2

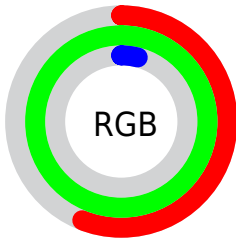
Format	Color
RYB	10, 255, 123
Decimal	9371402
CIELab	90.46, -63.56, 85.75
CIELCh	90, 106.735, 126.547
Yxy	77.2927, 0.3429, 0.5642
Android (android.graphics.Color)	4287561482 (0xFF8EFF0A)
YUV	193.2830, -90.3585, -44.9752
Hunter-Lab	87.9163, -58.4881, 52.9560

Details

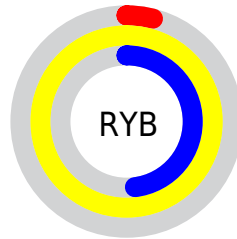
The Hex color **8EFF0A** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **7B0AFF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CCFF60**, and **4DC500** is the 20% darker color. If you saturate the color by 10%, you get **89FF00**, and if you desaturate by 10%, it is **9AFF23**.

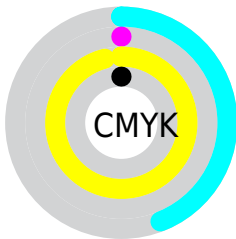
Distribution



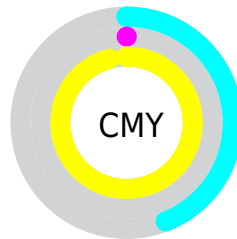
- Red (56%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (48%)



- Cyan (44%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EFF0A 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 8EFF0A by changing the saturation by 10% instead.

 8EFF0A

 8EFF0A

FFFFFF

 6EE200

 CCFF60

 4DC500

 EBFF7E

 23A900

 FFFF9C

 008E00

 FFFFBA

 007400


 FFFFD8

 005A00

 FFFFF6

 004100

 002900

 000300

 8EFF0A

 8EFF0A

 89FF00

 9AFF23

 A6FF3D

 B1FF57

 BDFF70

 C9FF8A

 D5FFA3

 E0FFBD

 ECFFD6

 F8FFF0

Harmonies

Analogous

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



FCE700



8EFF0A



00FF8D

Triad

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



8EFF0A



00FFFF



FF6CD2

Complementary

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



8EFF0A



7B0AFF

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.



FF87FF



8EFF0A



00E9FF

Square

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



8EFF0A



00FFFF



FFBDFD



FF8E6F

Rectangle

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



8EFF0A



00FFD4



FFBDFE



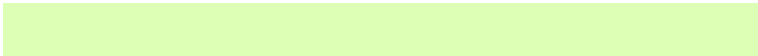
FF6EF4

Sweetspot

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



8EFF0A



DFFB5



FF780A



6B8053



000000



808080

Same Dimension

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



8EFF0A



89FF00



16FF0A



7A8073



67BF00



224000

Inverse Universe

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



7B0AFF



7600FF



F30AFF



797380



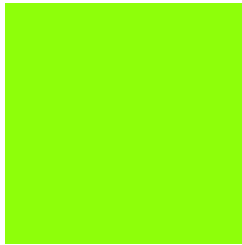
5800BF



1D0040

Previews

White Background



This preview shows how the Hex color 8EFF0A looks on a white background.

Color Contrast Check

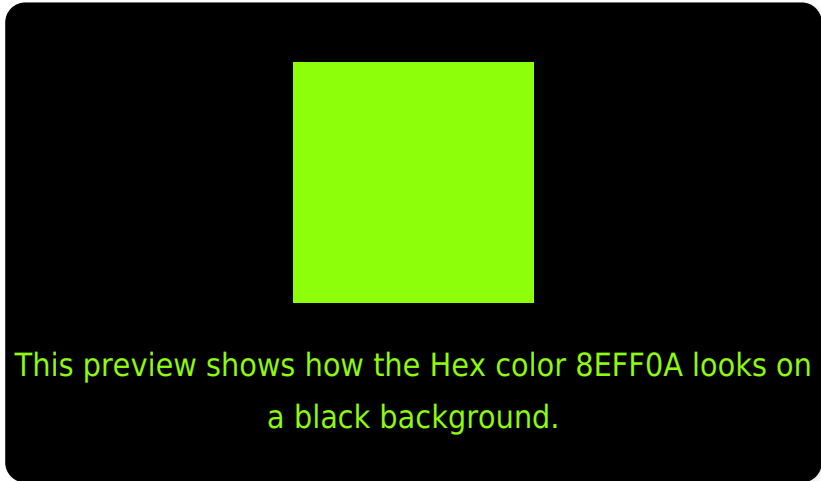
Large Text (above 18pt) WCAG AA × Fail

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 8EFF0A Background



This preview shows how black text looks on a background with the Hex color 8EFF0A.

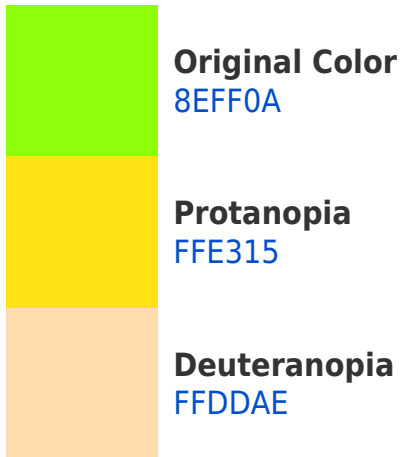


This preview shows how white text looks on a background with the Hex color 8EFF0A.

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](#).

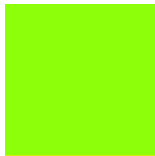
Dichromacy



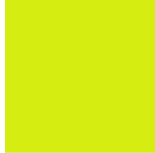


Tritanopia
AFEDFF

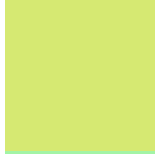
Trichromacy



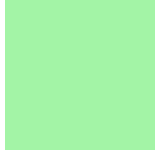
Original Color
8EFF0A



Protanomaly
D6ED11

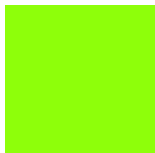


Deuteranomaly
D6E972

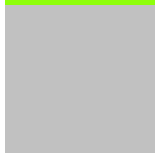


Tritanomaly
A3F4A6

Monochromacy



Original Color
8EFF0A



Achromatopsia
C1C1C1



Achromatomaly
AED87E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EFF0A 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 #8EFF0A looks like.

```
.text, #text, p{  
    color:#8EFF0A  
}
```

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 #8EFF0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFF0A
}
```

Border

The CSS property to change the border of an element to Hex 8EFF0A 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
#8EFF0A }
```

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

```
.border{ border-color:#8EFF0A }
```

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

Here you see how a box with a 4 pixel #8EFF0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFF0A; -webkit-box-shadow:4px 4px  
4px 4px #8EFF0A; box-shadow:4px 4px 4px  
4px #8EFF0A }
```

Background

The CSS property to change the background color of an element to Hex 8EFF0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFF0A }
```

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

```
.background{ background-color:#8EFF0A }
```

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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