

Converting Colors

Hex(8EFF74)

Have a look what the booklet for
Hex(8EFF74) contains.

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Color

Hex(8EFF74)

Conversions

Conversions Part 1

Format	Color
Hex	8EFF74
RGB	142, 255, 116
RGB Percent	56%, 100%, 45%
CMY	0.4431, 0.0000, 0.5451
CMYK	0.44, 0.00, 0.55, 0.00
HSL	109°, 100%, 73%
HSV	109°, 55%, 100%
XYZ	50.0677, 78.5317, 29.0423
YIQ	205.3670, -22.7290, -67.1850

Conversions

Conversions Part 2

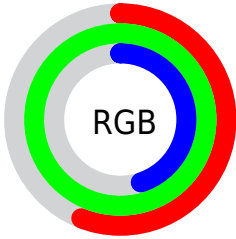
Format	Color
RYB	116, 255, 229
Decimal	9371508
CIELab	91.02, -57.49, 55.78
CIELCh	91, 80.104, 135.867
Yxy	78.5317, 0.3176, 0.4982
Android (android.graphics.Color)	4287561588 (0xFF8EFF74)
YUV	205.3670, -44.0579, -55.5729
Hunter-Lab	88.6181, -54.2323, 42.6019

Details

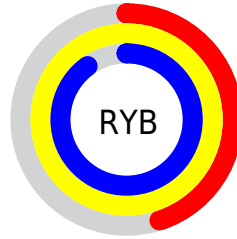
The Hex color **8EFF74** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E574FF**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **C9FFAB**, and **52C53E** is the 20% darker color. If you saturate the color by 10%, you get **79FF5A**, and if you desaturate by 10%, it is **A3FF8E**.

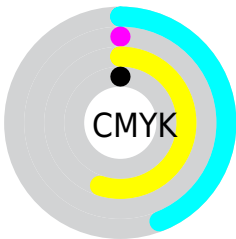
Distribution



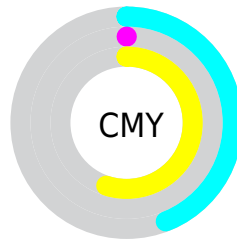
- Red (56%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (90%)



- Cyan (44%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EFF74 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 8EFF74 by changing the saturation by 10% instead.

 8EFF74

FFFFFF

 C9FFAB

 E7FFC7


 FFFFE4

 8EFF74

 70E259

 52C53E

 2FA920

 008E00

 007400

 005A00

 004100

 002B00

 000700

 8EFF74

 8EFF74

 79FF5A

 A3FF8E

 65FF41

 B7FFA7

 50FF27

 CCFFC1

 3BFF0E

 E1FFDA

 30FF00

 F6FFF3

FFFFFF

Harmonies

Analogous

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



E7EE42



8EFF74



00FFBD

Triad

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



8EFF74



00F8FF



FF9FC0

Complementary

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



8EFF74



E574FF

Split Complementary

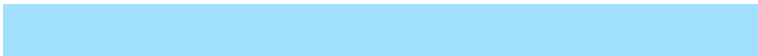
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA3FF



8EFF74



A1E0FF

Square

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



8EFF74



00FFFF



FFBFFF



FFB67A

Rectangle

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



8EFF74



00FFF3



FFBFFF



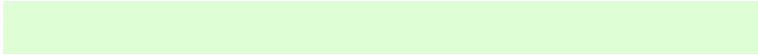
FF9DD9

Sweetspot

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



8EFF74



DEFFD6



FFE374



6C8067



000000



808080

Same Dimension

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



8EFF74



78FF59



74FF9E



758073



24BF00



0C4000

Inverse Universe

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



E574FF



E059FF



FF74D5



7D7380



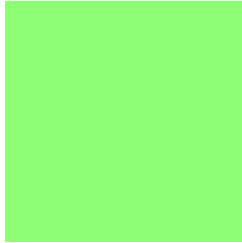
9B00BF



340040

Previews

White Background



This preview shows how the Hex color 8EFF74 looks on a white background.

Color Contrast Check

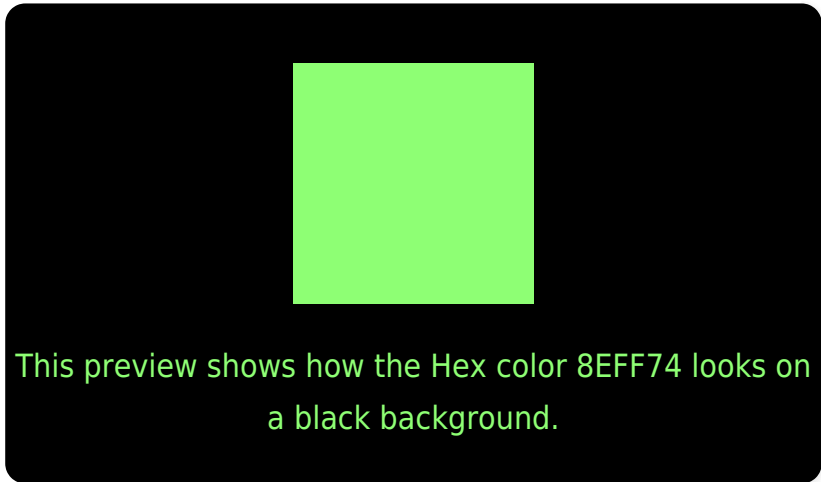
Large Text (above 18pt) WCAG AA × Fail

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 8EFF74 Background



This preview shows how black text looks on a background with the Hex color 8EFF74.

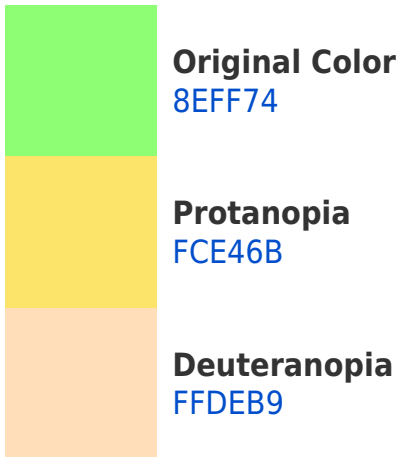


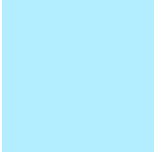
This preview shows how white text looks on a background with the Hex color 8EFF74.

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



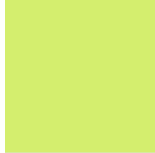


Tritanopia
B2EEFF

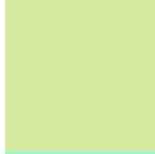
Trichromacy



Original Color
8EFF74



Protanomaly
D4EE6E

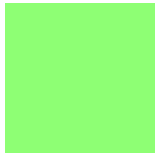


Deuteranomaly
D6EAA0

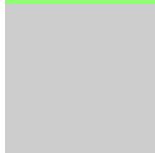


Tritanomaly
A5F4CC

Monochromacy



Original Color
8EFF74



Achromatopsia
CDCDCD



Achromatomaly
B6DFAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EFF74 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 #8EFF74 looks like.

```
.text, #text, p{  
    color:#8EFF74  
}
```

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 #8EFF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFF74
}
```

Border

The CSS property to change the border of an element to Hex 8EFF74 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
#8EFF74 }
```

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

```
.border{ border-color:#8EFF74 }
```

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

Here you see how a box with a 4 pixel #8EFF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFF74; -webkit-box-shadow:4px 4px  
4px 4px #8EFF74; box-shadow:4px 4px 4px  
4px #8EFF74 }
```

Background

The CSS property to change the background color of an element to Hex 8EFF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFF74 }
```

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

```
.background{ background-color:#8EFF74 }
```

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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