

Converting Colors

Hex(8EF167)

Have a look what the booklet for
Hex(8EF167) contains.

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Color

Hex(8EF167)

Conversions

Conversions Part 1

Format	Color
Hex	8EF167
RGB	142, 241, 103
RGB Percent	56%, 95%, 40%
CMY	0.4431, 0.0549, 0.5961
CMYK	0.41, 0.00, 0.57, 0.05
HSL	103°, 83%, 67%
HSV	103°, 57%, 95%
XYZ	45.0588, 69.6406, 23.8991
YIQ	195.6670, -14.7060, -63.9060

Conversions

Conversions Part 2

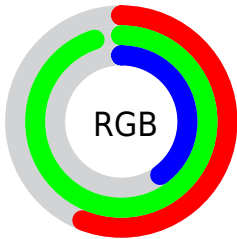
Format	Color
RYB	103, 241, 202
Decimal	9367911
CIELab	86.82, -53.32, 56.63
CIElCh	87, 77.786, 133.276
Yxy	69.6406, 0.3251, 0.5025
Android (android.graphics.Color)	4287557991 (0xFF8EF167)
YUV	195.6670, -45.6848, -47.0660
Hunter-Lab	83.4510, -49.6593, 41.4359

Details

The Hex color **8EF167** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **CA67F1**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C9FF9E**, and **53B830** is the 20% darker color. If you saturate the color by 10%, you get **7DF14F**, and if you desaturate by 10%, it is **9FF17F**.

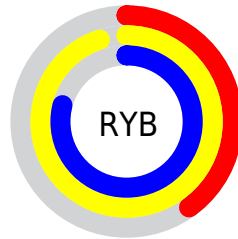
Distribution



Red (56%)

Green (95%)

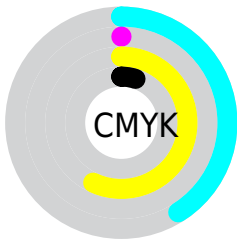
Blue (40%)



Red (40%)

Yellow (95%)

Blue (79%)

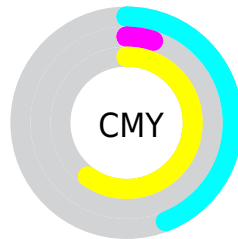


Cyan (41%)

Magenta (0%)

Yellow (57%)

Black (5%)



Cyan (44%)

Magenta (5%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8EF167 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 8EF167 by changing the saturation by 10% instead.

 8EF167

 8EF167

FFFFFF

 71D44C

 C9FF9E

 53B830

 E6FFBA

 339D0D

 FFFFD6

 008200

 FFFFF4

 006800

 004F00

 003700

 002000

 000000

 8EF167

 8EF167

 7DF14F

 9FF17F

 6BF137

 B1F197

 5AF11F

 C2F1AF

 49F107

 D3F1C7

 44F100

 E4F1DF

 F6F1F8

 FFF1FF

Harmonies

Analogous

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



E1E039



8EF167



00FAAC

Triad

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



8EF167



00EDFF



FF95BC

Complementary

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



8EF167



CA67F1

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.



FF9BFF



8EF167



88D6FF

Square

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



8EF167



00F9FF



FFB8FF



FFA977

Rectangle

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



8EF167



00FDE0



FFB8FF



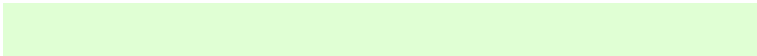
FF94D4

Sweetspot

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



8EF167



E0FFD4



F1CA67



6D8066



000000



808080

Same Dimension

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



8EF167



81FF4F



67F185



6F786C



34B800



103800

Inverse Universe

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



CA67F1



CD4FF8



F167D3



746C78



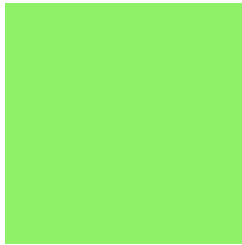
8400B8



280038

Previews

White Background



This preview shows how the Hex color 8EF167 looks on a white background.

Color Contrast Check

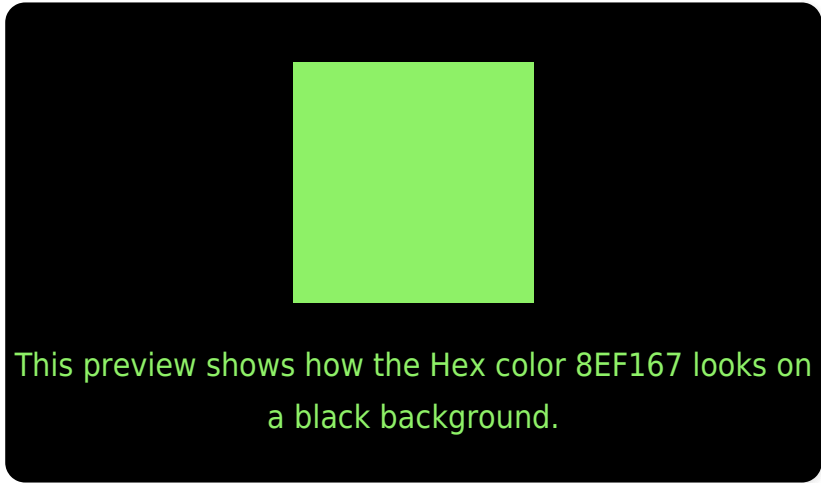
Large Text (above 18pt) WCAG AA × Fail

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

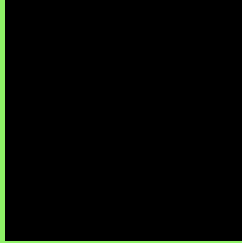
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

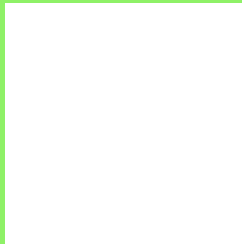
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8EF167 Background



This preview shows how black text looks on a background with the Hex color 8EF167.

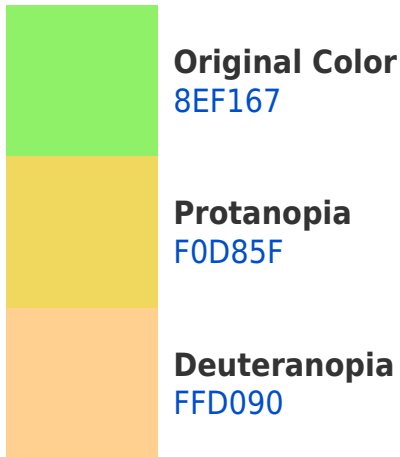


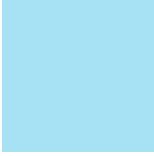
This preview shows how white text looks on a background with the Hex color 8EF167.

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](#).

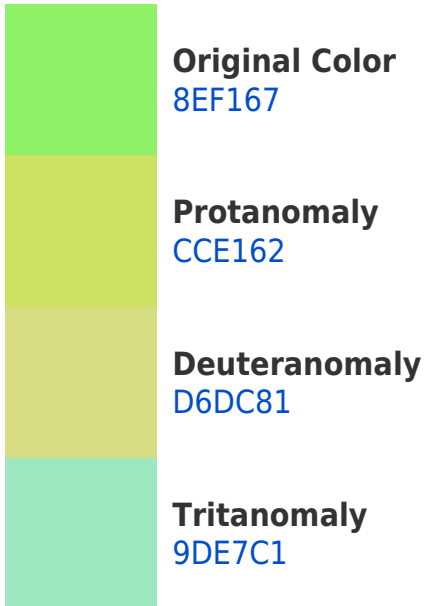
Dichromacy



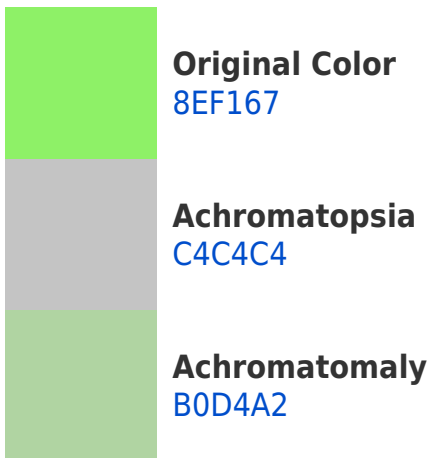


Tritanopia
A6E2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EF167 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 #8EF167 looks like.

```
.text, #text, p{  
    color:#8EF167  
}
```

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 #8EF167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EF167
}
```

Border

The CSS property to change the border of an element to Hex 8EF167 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
#8EF167 }
```

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

```
.border{ border-color:#8EF167 }
```

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

Here you see how a box with a 4 pixel #8EF167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EF167; -webkit-box-shadow:4px 4px  
4px 4px #8EF167; box-shadow:4px 4px 4px  
4px #8EF167 }
```

Background

The CSS property to change the background color of an element to Hex 8EF167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EF167 }
```

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

```
.background{ background-color:#8EF167 }
```

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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