

Converting Colors

Hex(8EFE82)

Have a look what the booklet for
Hex(8EFE82) contains.

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Color

Hex(8EFE82)

Conversions

Conversions Part 1

Format	Color
Hex	8EFE82
RGB	142, 254, 130
RGB Percent	56%, 100%, 51%
CMY	0.4431, 0.0039, 0.4902
CMYK	0.44, 0.00, 0.49, 0.00
HSL	114°, 98%, 75%
HSV	114°, 49%, 100%
XYZ	50.6264, 78.2461, 33.5538
YIQ	206.3760, -26.9480, -62.3080

Conversions

Conversions Part 2

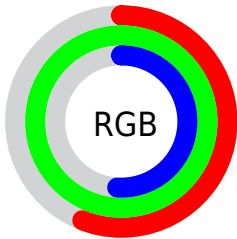
Format	Color
RYB	130, 254, 242
Decimal	9371266
CIELab	90.89, -55.44, 49.21
CIELCh	91, 74.124, 138.407
Yxy	78.2461, 0.3117, 0.4817
Android (android.graphics.Color)	4287561346 (0xFF8EFE82)
YUV	206.3760, -37.6534, -56.4578
Hunter-Lab	88.4568, -52.6387, 39.4297

Details

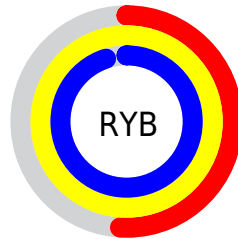
The Hex color **8EFE82** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F282FE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C9FFB9**, and **52C44D** is the 20% darker color. If you saturate the color by 10%, you get **77FE69**, and if you desaturate by 10%, it is **A5FE9B**.

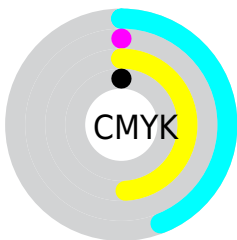
Distribution



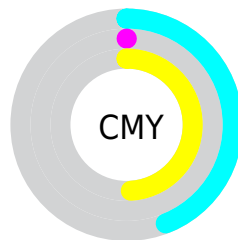
- Red (56%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (95%)



- Cyan (44%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EFE82 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 8EFE82 by changing the saturation by 10% instead.

 8EFE82

 8EFE82

FFFFFF

 71E167

 C9FFB9

 52C44D

 E7FFD5

 31A933

 FFFFF2

 008D16

 007300

 005900

 004100

 002A00

 000600

 8EFE82

 8EFE82

 77FE69

 A5FE9B

 60FE4F

 BCFEB5

 49FE36

 D3FECE

 32FE1C

 EAFEE8

 1BFE03

FFFEFF

 19FE00

Harmonies

Analogous

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



E2EF54



8EFE82



00FFC6

Triad

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



8EFE82



00F5FF



FFA7BC

Complementary

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



8EFE82



F282FE

Split Complementary

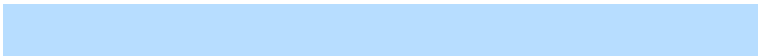
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA9FF



8EFE82



B7DDFF

Square

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



8EFE82



00FFFF



FFC0FF



FFBC7D

Rectangle

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



8EFE82



00FFF7



FFC0FF



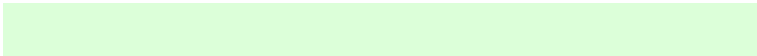
FFA5D4

Sweetspot

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



8EFE82



DCFFD9



FEF282



6B8069



000000



808080

Same Dimension

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



8EFE82



77FF69



82FEB4



748073



13BF00



064000

Inverse Universe

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



F282FE



F069FF



FE82CC



7E7380



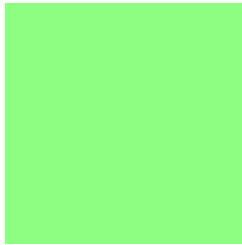
AD00BF



3A0040

Previews

White Background



This preview shows how the Hex color 8EFE82 looks on a white background.

Color Contrast Check

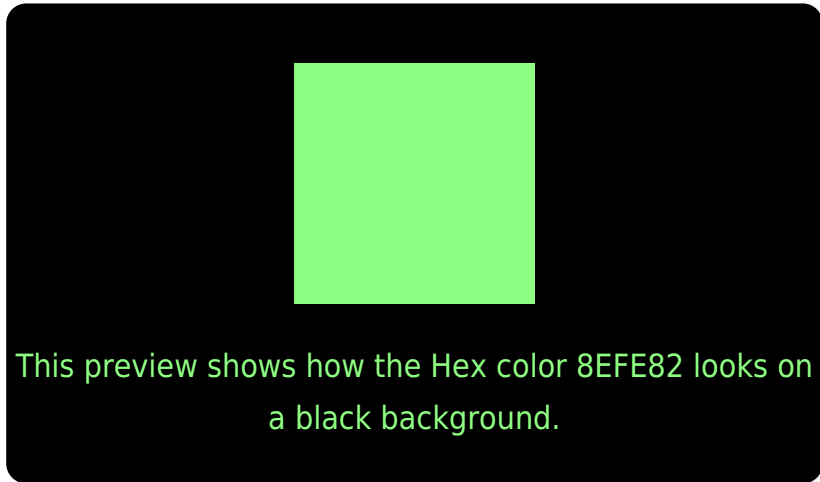
Large Text (above 18pt) WCAG AA × Fail

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

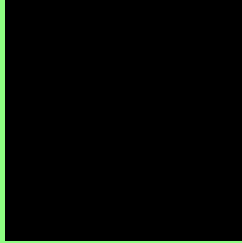
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

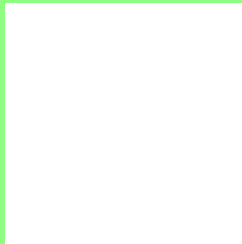
Any Text WCAG AAA ✓ Pass

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

Hex 8EFE82 Background



This preview shows how black text looks on a background with the Hex color 8EFE82.

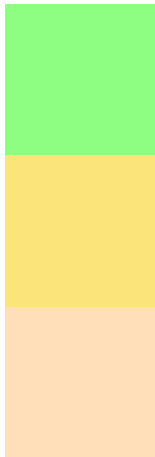


This preview shows how white text looks on a background with the Hex color 8EFE82.

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](#).

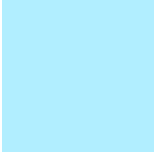
Dichromacy



Original Color
8EFE82

Protanopia
FBE479

Deuteranopia
FFDEBA

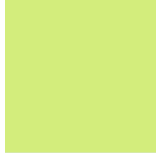


Tritanopia
B1EEFF

Trichromacy



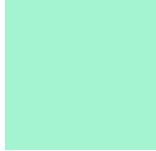
Original Color
8EFE82



Protanomaly
D3ED7C

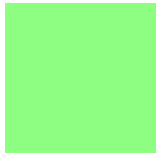


Deuteranomaly
D6EAA6

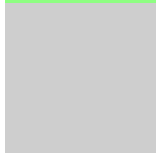


Tritanomaly
A4F4D2

Monochromacy



Original Color
8EFE82



Achromatopsia
CECECE



Achromatomaly
B7DFB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EFE82 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 #8EFE82 looks like.

```
.text, #text, p{  
    color:#8EFE82  
}
```

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 #8EFE82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFE82
}
```

Border

The CSS property to change the border of an element to Hex 8EFE82 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
#8EFE82 }
```

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

```
.border{ border-color:#8EFE82 }
```

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

Here you see how a box with a 4 pixel #8EFE82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFE82; -webkit-box-shadow:4px 4px  
4px 4px #8EFE82; box-shadow:4px 4px 4px  
4px #8EFE82 }
```

Background

The CSS property to change the background color of an element to Hex 8EFE82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFE82 }
```

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

```
.background{ background-color:#8EFE82 }
```

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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