

Converting Colors

Hex(8EFB72)

Have a look what the booklet for
Hex(8EFB72) contains.

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Color

Hex(8EFB72)

Conversions

Conversions Part 1

Format	Color
Hex	8EFB72
RGB	142, 251, 114
RGB Percent	56%, 98%, 45%
CMY	0.4431, 0.0157, 0.5529
CMYK	0.43, 0.00, 0.55, 0.02
HSL	108°, 94%, 72%
HSV	108°, 55%, 98%
XYZ	48.6898, 75.9600, 28.0151
YIQ	202.7910, -20.9870, -65.7150

Conversions

Conversions Part 2

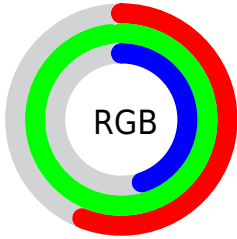
Format	Color
RYB	114, 251, 223
Decimal	9370482
CIELab	89.84, -56.14, 55.28
CIElCh	90, 78.787, 135.443
Yxy	75.9600, 0.3189, 0.4976
Android (android.graphics.Color)	4287560562 (0xFF8EFB72)
YUV	202.7910, -43.7740, -53.3137
Hunter-Lab	87.1551, -52.8011, 41.9504

Details

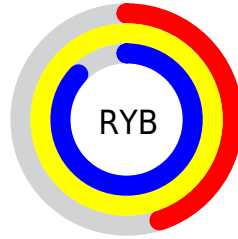
The Hex color **8EFB72** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DF72FB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C9FFA9**, and **52C23C** is the 20% darker color. If you saturate the color by 10%, you get **7AFB59**, and if you desaturate by 10%, it is **A2FB8B**.

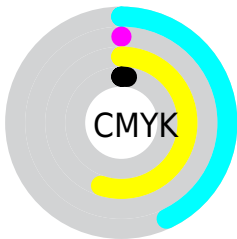
Distribution



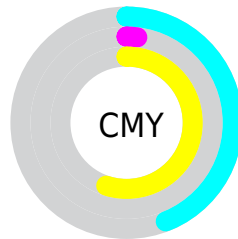
- Red (56%)
- Green (98%)
- Blue (45%)



- Red (45%)
- Yellow (98%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (55%)
- Black (2%)



- Cyan (44%)
- Magenta (2%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EFB72 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 8EFB72 by changing the saturation by 10% instead.

 8EFB72

FFFFFF

 C9FFA9

 E7FFC5

 FFFFE2

 8EFB72

 71DE57

 52C23C

 31A61E

 008B00

 007000

 005700

 003E00

 002700

 000000

 8EFB72

 8EFB72

 7AFB59

 A2FB8B

 66FB40

 B6FBA4

 52FB27

 CAFBBD

 3EFB0E

 DEFBD6

 33FB00

 F2FBF0

 FFFBFF

Harmonies

Analogous

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



E5EA42



8EFB72



00FFB9

Triad

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



8EFB72



00F5FF



FF9DBE

Complementary

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



8EFB72



DF72FB

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.



FFA2FF



8EFB72



9DDDFF

Square

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



8EFB72



00FFFF



FFBDFD



FFB379

Rectangle

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



8EFB72



00FFEE



FFBDFD



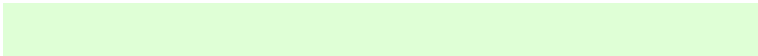
FF9BD7

Sweetspot

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



8EFB72



DFFFD6



FBDD72



6C8067



000000



808080

Same Dimension

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



8EFB72



7BFF59



72FB99



737D70



27BD00



0D3D00

Inverse Universe

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



DF72FB



DD59FF



FB72D4



7A707D



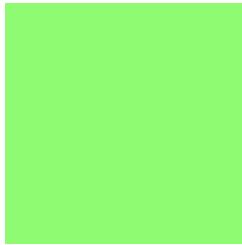
9600BD



31003D

Previews

White Background



This preview shows how the Hex color 8EFB72 looks on a white background.

Color Contrast Check

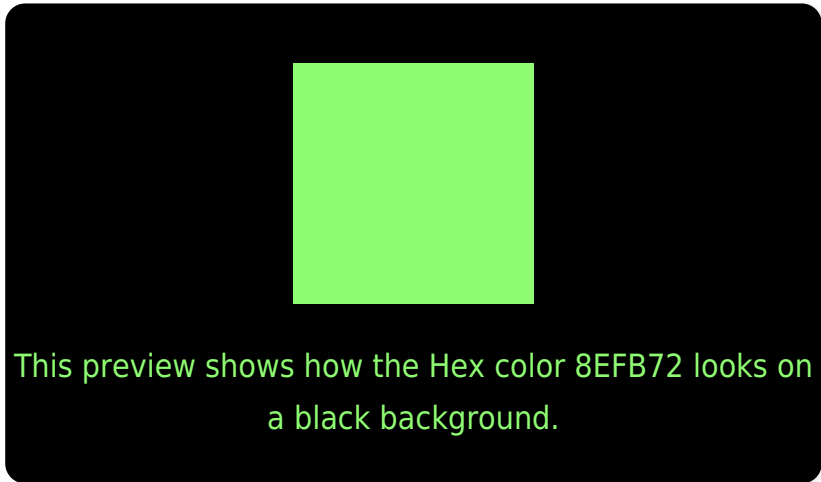
Large Text (above 18pt) WCAG AA × Fail

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

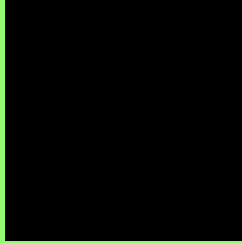
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

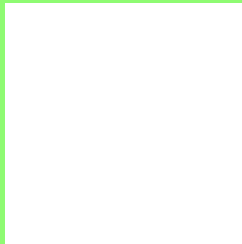
Any Text WCAG AAA ✓ Pass

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

Hex 8EFB72 Background



This preview shows how black text looks on a background with the Hex color 8EFB72.

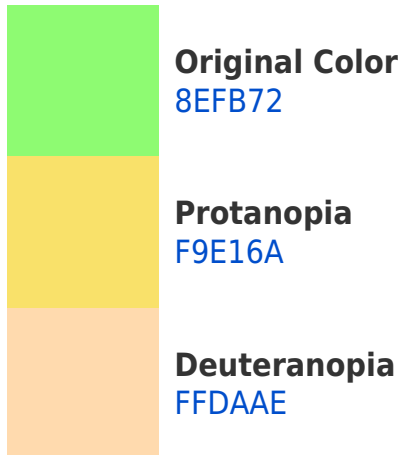


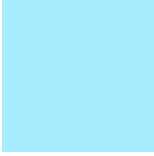
This preview shows how white text looks on a background with the Hex color 8EFB72.

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](#).

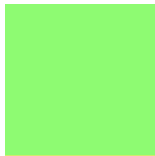
Dichromacy





Tritanopia
A8ECFF

Trichromacy



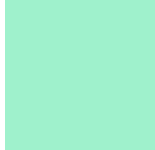
Original Color
8EFB72



Protanomaly
D2EA6D



Deuteranomaly
D6E698

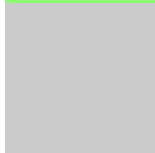


Tritanomaly
9FF1CC

Monochromacy



Original Color
8EFB72



Achromatopsia
CBCBCB



Achromatomaly
B5DCAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EFB72 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 #8EFB72 looks like.

```
.text, #text, p{  
    color:#8EFB72  
}
```

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 #8EFB72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EFB72
}
```

Border

The CSS property to change the border of an element to Hex 8EFB72 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
#8EFB72 }
```

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

```
.border{ border-color:#8EFB72 }
```

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

Here you see how a box with a 4 pixel #8EFB72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EFB72; -webkit-box-shadow:4px 4px  
4px 4px #8EFB72; box-shadow:4px 4px 4px  
4px #8EFB72 }
```

Background

The CSS property to change the background color of an element to Hex 8EFB72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EFB72 }
```

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

```
.background{ background-color:#8EFB72 }
```

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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