

Converting Colors

Hex(8FED76)

Have a look what the booklet for
Hex(8FED76) contains.

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Color

Hex(8FED76)

Conversions

Conversions Part 1

Format	Color
Hex	8FED76
RGB	143, 237, 118
RGB Percent	56%, 93%, 46%
CMY	0.4392, 0.0706, 0.5373
CMYK	0.40, 0.00, 0.50, 0.07
HSL	107°, 77%, 70%
HSV	107°, 50%, 93%
XYZ	44.8819, 67.7160, 27.8445
YIQ	195.3280, -17.8250, -56.9370

Conversions

Conversions Part 2

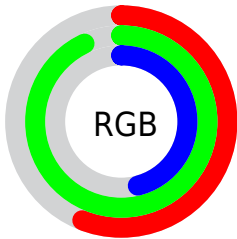
Format	Color
RYB	118, 237, 212
Decimal	9432438
CIELab	85.86, -49.71, 48.68
CIElCh	86, 69.579, 135.601
Yxy	67.7160, 0.3196, 0.4822
Android (android.graphics.Color)	4287622518 (0xFF8FED76)
YUV	195.3280, -38.1227, -45.8917
Hunter-Lab	82.2897, -46.6508, 37.5408

Details

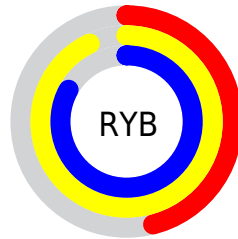
The Hex color **8FED76** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D476ED**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C9FFAC**, and **56B442** is the 20% darker color. If you saturate the color by 10%, you get **7CED5E**, and if you desaturate by 10%, it is **A2ED8E**.

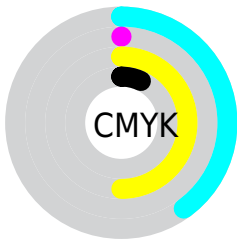
Distribution



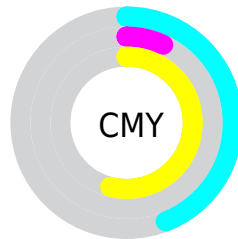
- Red (56%)
- Green (93%)
- Blue (46%)



- Red (46%)
- Yellow (93%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FED76 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 8FED76 by changing the saturation by 10% instead.

 8FED76

FFFFFF

 C9FFAC

 E6FFC8

 FFFFE5

 8FED76

 72D05C

 56B442

 389927

 107E05

 006500

 004C00

 003400

 001D00

 000000

 8FED76

 8FED76

 7CED5E

 A2ED8E

 6AED47

 B4EDA5

 57ED2F

 C7EDBD

 44ED17

 DAEDD5

 32ED00

 EDEDEC

 FFEDFF

Harmonies

Analogous

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



DADE4F



8FED76



00F5B4

Triad

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



8FED76



00E7FF



FF9DB7

Complementary

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



8FED76



D476ED

Split Complementary

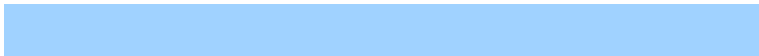
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA0F9



8FED76



A0D2FF

Square

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



8FED76



00F3FF



FFB7FF



FFAF7B

Rectangle

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



8FED76



00F7E1



FFB7FF



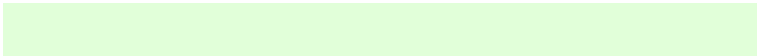
FF9BCD

Sweetspot

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



8FED76



E1FFD9



EDD376



6D8069



000000



808080

Same Dimension

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



8FED76



86FF66



76ED98



6C756A



26B500



0B3600

Inverse Universe

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



D476ED



DF66FF



ED76CB



736A75



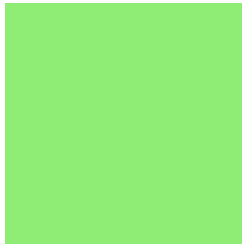
8F00B5



2A0036

Previews

White Background



This preview shows how the Hex color 8FED76 looks on a white background.

Color Contrast Check

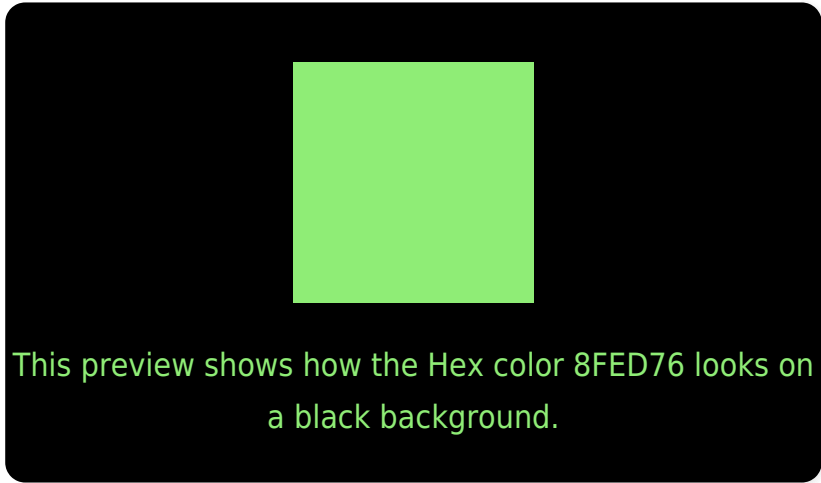
Large Text (above 18pt) WCAG AA × Fail

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

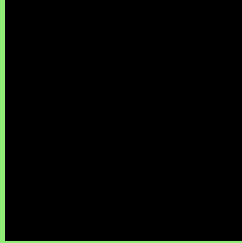
Any Text WCAG AA ✓ Pass

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 8FED76 Background



This preview shows how black text looks on a background with the Hex color 8FED76.

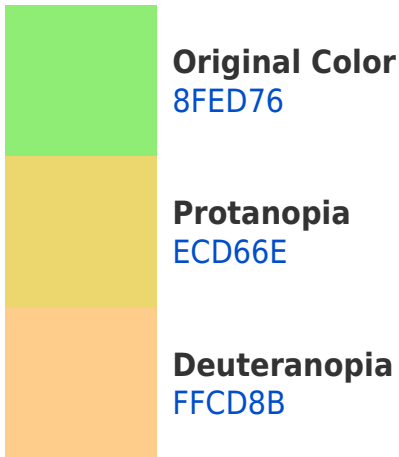


This preview shows how white text looks on a background with the Hex color 8FED76.

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



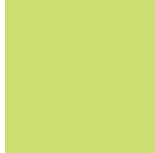


Tritanopia
A5DFF1

Trichromacy



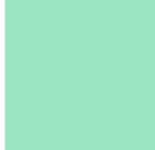
Original Color
8FED76



Protanomaly
CADE71



Deuteranomaly
D6D983

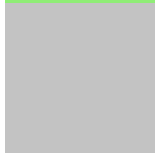


Tritanomaly
9DE4C4

Monochromacy



Original Color
8FED76



Achromatopsia
C3C3C3



Achromatomaly
B0D2A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FED76 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 #8FED76 looks like.

```
.text, #text, p{  
    color:#8FED76  
}
```

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 #8FED76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FED76
}
```

Border

The CSS property to change the border of an element to Hex 8FED76 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
#8FED76 }
```

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

```
.border{ border-color:#8FED76 }
```

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

Here you see how a box with a 4 pixel #8FED76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FED76; -webkit-box-shadow:4px 4px  
4px 4px #8FED76; box-shadow:4px 4px 4px  
4px #8FED76 }
```

Background

The CSS property to change the background color of an element to Hex 8FED76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FED76 }
```

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

```
.background{ background-color:#8FED76 }
```

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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