

Converting Colors

Hex(8FFB4D)

Have a look what the booklet for
Hex(8FFB4D) contains.

Hex(8FFB4D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8FFB4D)

Conversions

Conversions Part 1

Format	Color
Hex	8FFB4D
RGB	143, 251, 77
RGB Percent	56%, 98%, 30%
CMY	0.4392, 0.0157, 0.6980
CMYK	0.43, 0.00, 0.69, 0.02
HSL	97°, 96%, 64%
HSV	97°, 69%, 98%
XYZ	47.1644, 75.3698, 19.0832
YIQ	198.8720, -8.5140, -77.0100

Conversions

Conversions Part 2

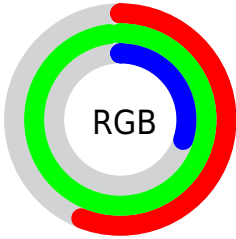
Format	Color
RYB	77, 251, 185
Decimal	9435981
CIELab	89.57, -59.18, 70.09
CIElCh	90, 91.727, 130.176
Yxy	75.3698, 0.3330, 0.5322
Android (android.graphics.Color)	4287626061 (0xFF8FFB4D)
YUV	198.8720, -60.0829, -48.9997
Hunter-Lab	86.8158, -54.9539, 47.7384

Details

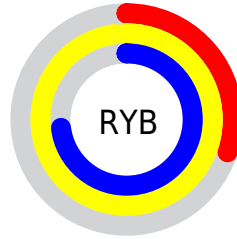
The Hex color **8FFB4D** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **B94DFB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **CBFF86**, and **51C200** is the 20% darker color. If you saturate the color by 10%, you get **7FFB34**, and if you desaturate by 10%, it is **9FFB66**.

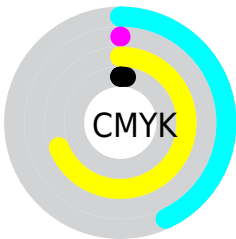
Distribution



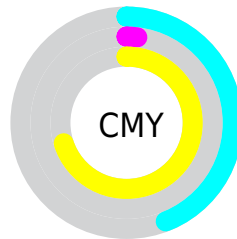
- Red (56%)
- Green (98%)
- Blue (30%)



- Red (30%)
- Yellow (98%)
- Blue (73%)



- Cyan (43%)
- Magenta (0%)
- Yellow (69%)
- Black (2%)



- Cyan (44%)
- Magenta (2%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FFB4D 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 8FFB4D by changing the saturation by 10% instead.

 8FFB4D

 8FFB4D

FFFFFF

 71DE2D

 CBFF86

 51C200

 E9FFA3

 2EA600

 FFFFC0

 008B00

 FFFFDD

 007000

 FFFFFB

 005700

 003E00

 002700

 000000

 8FFB4D

 8FFB4D

 7FFB34

 9FFB66

 70FB1B

 AEFB7F

 60FB02

 BEFB98

 5FFB00

 CDFBB1

 DDFBCB

 ECFBE4

 FCFBFD

 FFFBFF

Harmonies

Analogous

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



F0E700



8FFB4D



00FFA2

Triad

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



8FFB4D



00FBFF



FF88C7

Complementary

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



8FFB4D



B94DFB

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.



FF95FF



8FFB4D



3FE2FF

Square

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



8FFB4D



00FFFF



FFBCFF



FFA174

Rectangle

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



8FFB4D



00FFDF



FFBCFF



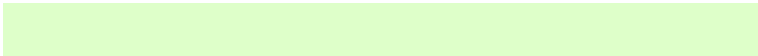
FF87E4

Sweetspot

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



8FFB4D



DEFFC9



FBB84D



6C8060



000000



808080

Same Dimension

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



8FFB4D



7CFF2B



4DFB61



757D70



48BD00



173D00

Inverse Universe

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



B94DFB



AF2BFF



FB4DE7



78707D



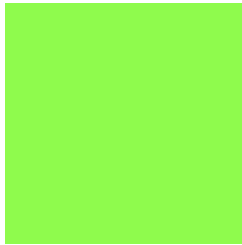
7500BD



26003D

Previews

White Background



This preview shows how the Hex color 8FFB4D looks on a white background.

Color Contrast Check

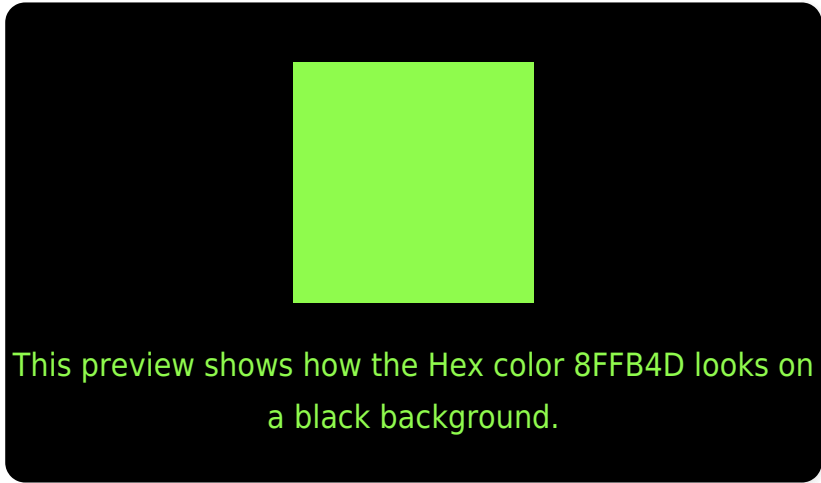
Large Text (above 18pt) WCAG AA × Fail

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

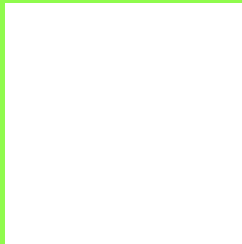
Any Text WCAG AAA ✓ Pass

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

Hex 8FFB4D Background



This preview shows how black text looks on a background with the Hex color 8FFB4D.

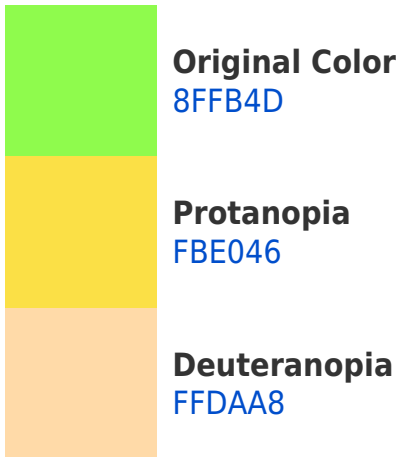


This preview shows how white text looks on a background with the Hex color 8FFB4D.

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



Trichromacy



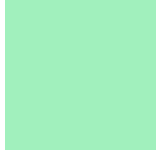
Original Color
8FFB4D



Protanomaly
D4EA49



Deuteranomaly
D6E687

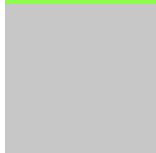


Tritanomaly
A1F0BD

Monochromacy



Original Color
8FFB4D



Achromatopsia
C7C7C7



Achromatomaly
B3DA9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FFB4D 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 #8FFB4D looks like.

```
.text, #text, p{  
    color:#8FFB4D  
}
```

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 #8FFB4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FFB4D
}
```

Border

The CSS property to change the border of an element to Hex 8FFB4D 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
#8FFB4D }
```

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

```
.border{ border-color:#8FFB4D }
```

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

Here you see how a box with a 4 pixel #8FFB4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FFB4D; -webkit-box-shadow:4px 4px  
4px 4px #8FFB4D; box-shadow:4px 4px 4px  
4px #8FFB4D }
```

Background

The CSS property to change the background color of an element to Hex 8FFB4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FFB4D }
```

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

```
.background{ background-color:#8FFB4D }
```

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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