

Converting Colors

Hex(8AFD3C)

Have a look what the booklet for
Hex(8AFD3C) contains.

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Color

Hex(8AFD3C)

Conversions

Conversions Part 1

Format	Color
Hex	8AFD3C
RGB	138, 253, 60
RGB Percent	54%, 99%, 24%
CMY	0.4588, 0.0078, 0.7647
CMYK	0.45, 0.00, 0.76, 0.01
HSL	96°, 98%, 61%
HSV	96°, 76%, 99%
XYZ	46.4221, 75.9801, 16.4939
YIQ	196.6130, -6.5870, -84.4030

Conversions

Conversions Part 2

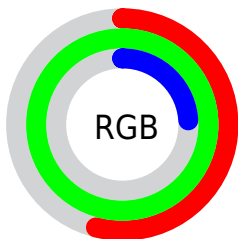
Format	Color
RYB	60, 253, 175
Decimal	9108796
CIELab	89.85, -62.49, 75.89
CIELCh	90, 98.303, 129.471
Yxy	75.9801, 0.3342, 0.5470
Android (android.graphics.Color)	4287298876 (0xFF8AFD3C)
YUV	196.6130, -67.3502, -51.4036
Hunter-Lab	87.1666, -57.4781, 49.7976

Details

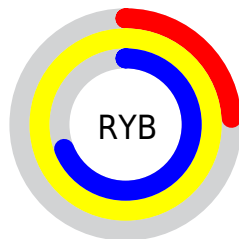
The Hex color **8AFD3C** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **AF3CFD**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C7FF79**, and **4AC300** is the 20% darker color. If you saturate the color by 10%, you get **7BFD23**, and if you desaturate by 10%, it is **99FD55**.

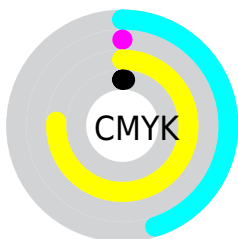
Distribution



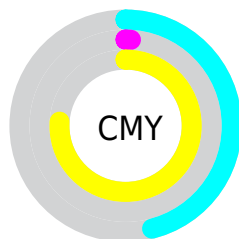
- Red (54%)
- Green (99%)
- Blue (24%)



- Red (24%)
- Yellow (99%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (76%)
- Black (1%)



- Cyan (46%)
- Magenta (1%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AFD3C 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 8AFD3C by changing the saturation by 10% instead.

 8AFD3C

 8AFD3C

FFFFFF

 6BE012

 C7FF79

 4AC300

 E6FF96

 20A800

 FFFFB3

 008C00

 FFFF00

 007200

 FFFFEE

 005800

 003F00

 002800

 000000

 8AFD3C

 8AFD3C

 7BFD23

 99FD55

 6CFD09

 A8FD6F

 66FD00

 B7FD88

 C6FDA1

 D5FDDB

 E4FDD4

 F4FDED

 FFFDFF

Harmonies

Analogous

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



F2E700



8AFD3C



00FF9C

Triad

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



8AFD3C



00FEFF



FF7DC8

Complementary

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



8AFD3C



AF3CFD

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.



FF8EFF



8AFD3C



00E3FF

Square

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



8AFD3C



00FFFF



FFBBFF



FF9A6F

Rectangle

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



8AFD3C



00FFDD



FFBBFF



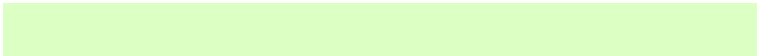
FF7DE8

Sweetspot

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



8AFD3C



DCFFC4



FDAD3C



6A805C



000000



808080

Same Dimension

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



8AFD3C



73FF14



3CFD4C



788073



4DBF00



1A4000

Inverse Universe

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



AF3CFD



A014FF



FD3CED



7A7380



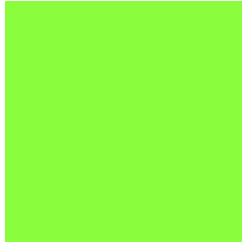
7200BF



260040

Previews

White Background



This preview shows how the Hex color 8AFD3C 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



This preview shows how the Hex color 8AFD3C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

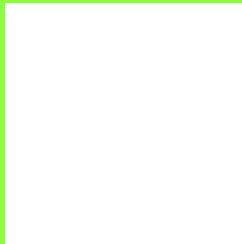
Any Text WCAG AAA ✓ Pass

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

Hex 8AFD3C Background



This preview shows how black text looks on a background with the Hex color 8AFD3C.

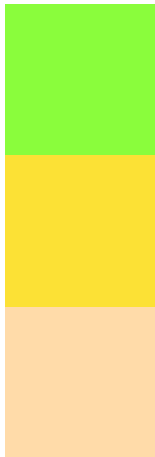


This preview shows how white text looks on a background with the Hex color 8AFD3C.

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](#).

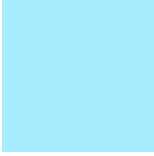
Dichromacy



Original Color
8AFD3C

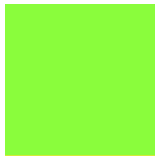
Protanopia
FCE135

Deuteranopia
FFDBA9



Tritanopia
A8ECFF

Trichromacy



Original Color
8AFD3C



Protanomaly
D3EB38

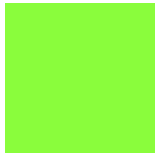


Deuteranomaly
D4E781

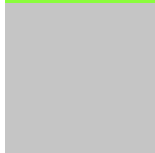


Tritanomaly
9DF2B8

Monochromacy



Original Color
8AFD3C



Achromatopsia
C5C5C5



Achromatomaly
B0D993

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AFD3C 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 #8AFD3C looks like.

```
.text, #text, p{  
    color:#8AFD3C  
}
```

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 #8AFD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AFD3C
}
```

Border

The CSS property to change the border of an element to Hex 8AFD3C 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
#8AFD3C }
```

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

```
.border{ border-color:#8AFD3C }
```

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

Here you see how a box with a 4 pixel #8AFD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AFD3C; -webkit-box-shadow:4px 4px  
4px 4px #8AFD3C; box-shadow:4px 4px 4px  
4px #8AFD3C }
```

Background

The CSS property to change the background color of an element to Hex 8AFD3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AFD3C }
```

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

```
.background{ background-color:#8AFD3C }
```

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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