

Converting Colors

Hex(8AFF48)

Have a look what the booklet for
Hex(8AFF48) contains.

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Color

Hex(8AFF48)

Conversions

Conversions Part 1

Format	Color
Hex	8AFF48
RGB	138, 255, 72
RGB Percent	54%, 100%, 28%
CMY	0.4588, 0.0000, 0.7176
CMYK	0.46, 0.00, 0.72, 0.00
HSL	98°, 100%, 64%
HSV	98°, 72%, 100%
XYZ	47.4109, 77.3912, 18.5701
YIQ	199.1550, -10.9890, -81.7170

Conversions

Conversions Part 2

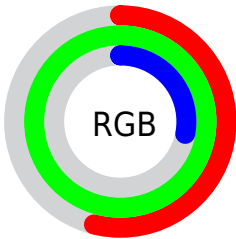
Format	Color
RYB	72, 255, 189
Decimal	9109320
CIELab	90.50, -62.52, 72.71
CIElCh	91, 95.894, 130.691
Yxy	77.3912, 0.3307, 0.5398
Android (android.graphics.Color)	4287299400 (0xFF8AFF48)
YUV	199.1550, -62.6874, -53.6329
Hunter-Lab	87.9722, -57.7523, 49.0650

Details

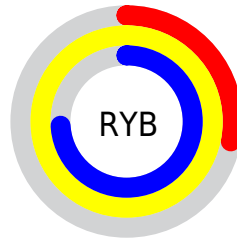
The Hex color **8AFF48** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **BD48FF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C7FF83**, and **4AC500** is the 20% darker color. If you saturate the color by 10%, you get **7AFF2F**, and if you desaturate by 10%, it is **9AFF62**.

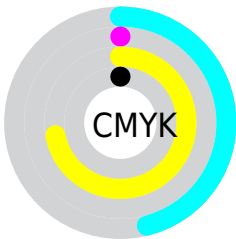
Distribution



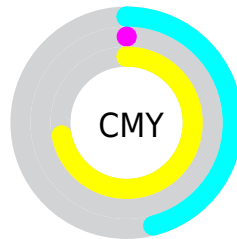
- Red (54%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (74%)



- Cyan (46%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AFF48 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 8AFF48 by changing the saturation by 10% instead.

 8AFF48

FFFFFF

 C7FF83

 E5FF9F

 FFFFBC

 FFFFFDA

 FFFFF7

 8AFF48

 6BE226

 4AC500

 21A900


 008E00

 007400

 005A00

 004100

 002900

 000300

 8AFF48

 8AFF48

 7AFF2F

 9AFF62

 69FF15

 ABFF7B

 5CFF00

 BBFF94

 CBFFAE

 DCFFC8

 ECFFE1

 FCFFFB

FFFFFF

Harmonies

Analogous

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



F1EA00



8AFF48



00FFA3

Triad

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



8AFF48



00FEFF



FF84C7

Complementary

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



8AFF48



BD48FF

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.



FF92FF



8AFF48



2DE4FF

Square

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



8AFF48



00FFFF



FFBCFF



FFA070

Rectangle

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



8AFF48



00FFE3



FFBCFF



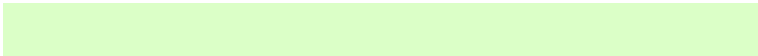
FF83E6

Sweetspot

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



8AFF48



DBFFC7



FFBC48



6A805E



000000



808080

Same Dimension

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



8AFF48



73FF24



48FF60



778073



45BF00



174000

Inverse Universe

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



BD48FF



B024FF



FF48E7



7B7380



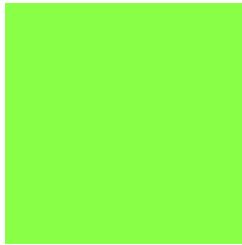
7A00BF



290040

Previews

White Background



This preview shows how the Hex color 8AFF48 looks on a white background.

Color Contrast Check

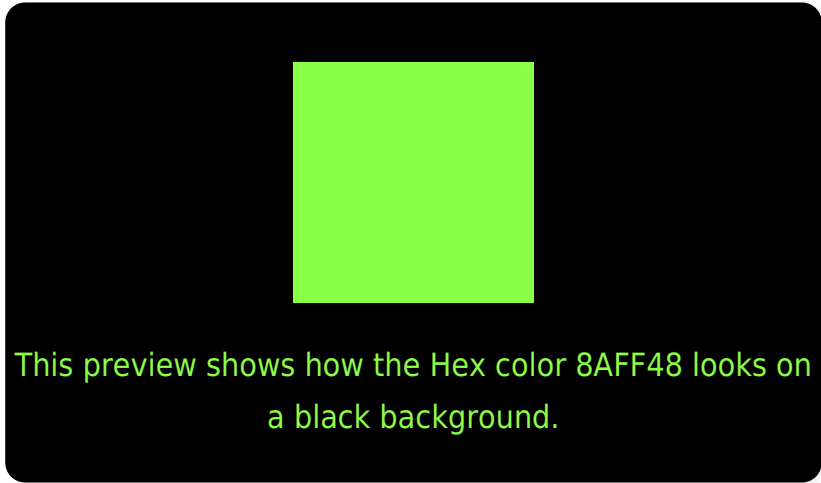
Large Text (above 18pt) WCAG AA × Fail

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

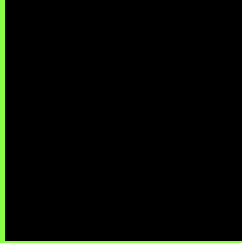
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

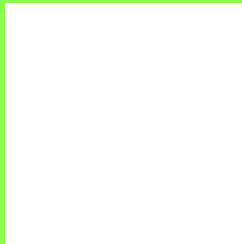
Any Text WCAG AAA ✓ Pass

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

Hex 8AFF48 Background



This preview shows how black text looks on a background with the Hex color 8AFF48.

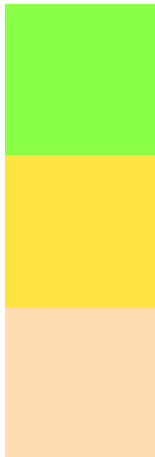


This preview shows how white text looks on a background with the Hex color 8AFF48.

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](#).

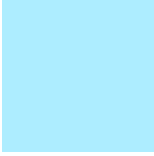
Dichromacy



Original Color
8AFF48

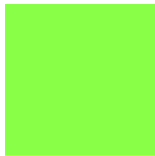
Protanopia
FEE341

Deuteranopia
FFDDB0



Tritanopia
AEDFF

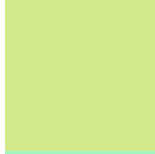
Trichromacy



Original Color
8AFF48



Protanomaly
D4ED44

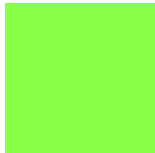


Deuteranomaly
D4E98A

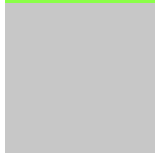


Tritanomaly
A0F4BC

Monochromacy



Original Color
8AFF48



Achromatopsia
C7C7C7



Achromatomaly
B1DB99

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AFF48 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 #8AFF48 looks like.

```
.text, #text, p{  
    color:#8AFF48  
}
```

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 #8AFF48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AFF48
}
```

Border

The CSS property to change the border of an element to Hex 8AFF48 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
#8AFF48 }
```

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

```
.border{ border-color:#8AFF48 }
```

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

Here you see how a box with a 4 pixel #8AFF48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AFF48; -webkit-box-shadow:4px 4px  
4px 4px #8AFF48; box-shadow:4px 4px 4px  
4px #8AFF48 }
```

Background

The CSS property to change the background color of an element to Hex 8AFF48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AFF48 }
```

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

```
.background{ background-color:#8AFF48 }
```

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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