

Converting Colors

Hex(8AFF66)

Have a look what the booklet for
Hex(8AFF66) contains.

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Color

Hex(8AFF66)

Conversions

Conversions Part 1

Format	Color
Hex	8AFF66
RGB	138, 255, 102
RGB Percent	54%, 100%, 40%
CMY	0.4588, 0.0000, 0.6000
CMYK	0.46, 0.00, 0.60, 0.00
HSL	106°, 100%, 70%
HSV	106°, 60%, 100%
XYZ	48.6395, 77.8826, 25.0396
YIQ	202.5750, -20.6190, -72.3870

Conversions

Conversions Part 2

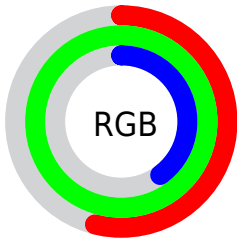
Format	Color
RYB	102, 255, 219
Decimal	9109350
CIELab	90.73, -60.09, 61.48
CIELCh	91, 85.970, 134.348
Yxy	77.8826, 0.3209, 0.5139
Android (android.graphics.Color)	4287299430 (0xFF8AFF66)
YUV	202.5750, -49.5835, -56.6323
Hunter-Lab	88.2511, -56.0594, 44.9533

Details

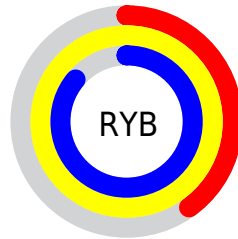
The Hex color **8AFF66** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DB66FF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C6FF9E**, and **4CC52D** is the 20% darker color. If you saturate the color by 10%, you get **77FF4D**, and if you desaturate by 10%, it is **9EFF80**.

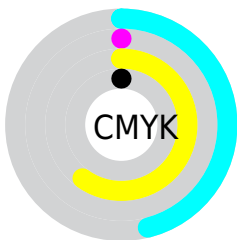
Distribution



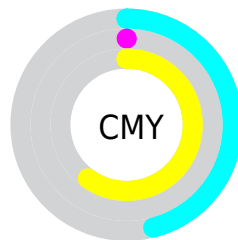
- Red (54%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (86%)



- Cyan (46%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AFF66 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 8AFF66 by changing the saturation by 10% instead.

 8AFF66

FFFFFF

 C6FF9E

 E4FFBA

 FFFFD7

 FFFFF4

 8AFF66

 6CE24A


 4CC52D

 26A901

 008E00

 007400

 005A00

 004100

 002A00

 000500

 8AFF66

 8AFF66

 77FF4D

 9EFF80

 63FF33

 B1FF99

 50FF19

 C5FFB3

 3CFF00

 D8FFCC

 ECFFE6

FFFFFF

Harmonies

Analogous

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



E9ED2B



8AFF66



00FFB5

Triad

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



8AFF66



00FAFF



FF96C0

Complementary

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



8AFF66



DB66FF

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.



FF9CFF



8AFF66



8AE0FF

Square

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



8AFF66



00FFFF



FFBDFD



FFAF74

Rectangle

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



8AFF66



00FFEE



FFBDFD



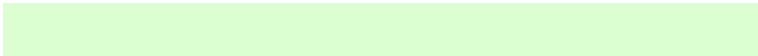
FF94DC

Sweetspot

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



8AFF66



DCFFD1



FFD966



6A8063



000000



808080

Same Dimension

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



8AFF66



73FF47



66FF8C



768073



2DBF00



0F4000

Inverse Universe

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



DB66FF



D447FF



FF66D9



7D7380



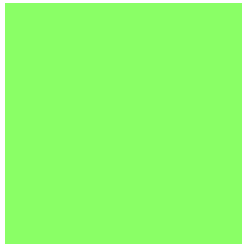
9200BF



310040

Previews

White Background



This preview shows how the Hex color 8AFF66 looks on a white background.

Color Contrast Check

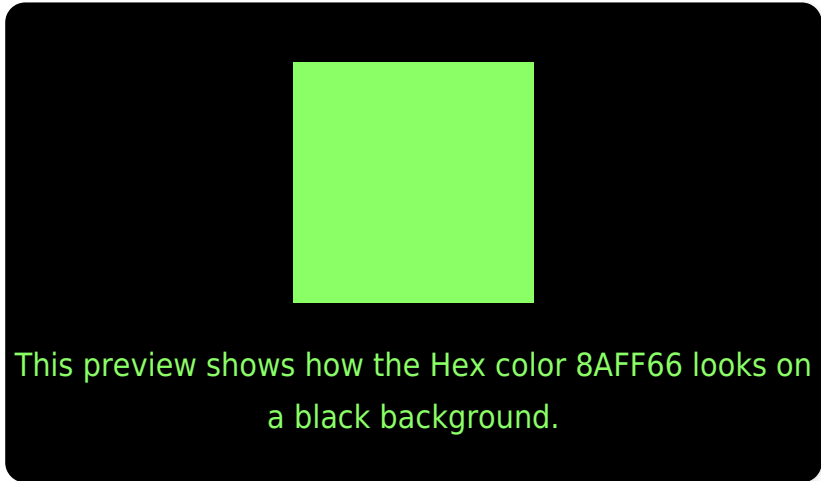
Large Text (above 18pt) WCAG AA × Fail

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

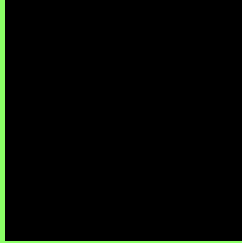
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

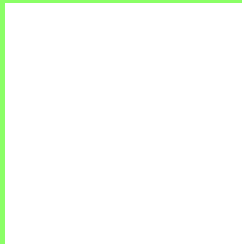
Any Text WCAG AAA ✓ Pass

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

Hex 8AFF66 Background



This preview shows how black text looks on a background with the Hex color 8AFF66.

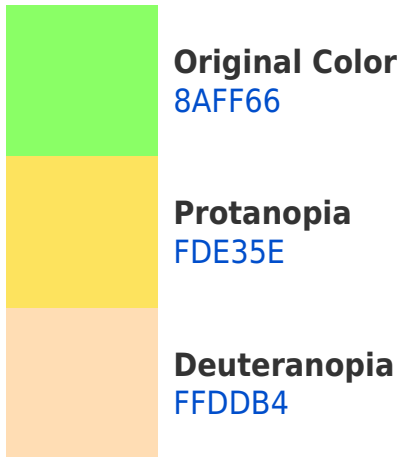


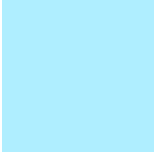
This preview shows how white text looks on a background with the Hex color 8AFF66.

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](#).

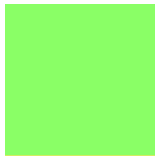
Dichromacy



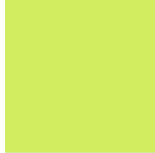


Tritanopia
AFEEFF

Trichromacy



Original Color
8AFF66



Protanomaly
D3ED61

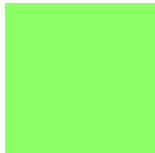


Deuteranomaly
D4E998

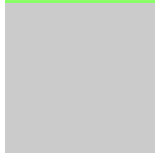


Tritanomaly
A2F4C7

Monochromacy



Original Color
8AFF66



Achromatopsia
CBCBCB



Achromatomaly
B3DEA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AFF66 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 #8AFF66 looks like.

```
.text, #text, p{  
    color:#8AFF66  
}
```

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 #8AFF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AFF66
}
```

Border

The CSS property to change the border of an element to Hex 8AFF66 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
#8AFF66 }
```

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

```
.border{ border-color:#8AFF66 }
```

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

Here you see how a box with a 4 pixel #8AFF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AFF66; -webkit-box-shadow:4px 4px  
4px 4px #8AFF66; box-shadow:4px 4px 4px  
4px #8AFF66 }
```

Background

The CSS property to change the background color of an element to Hex 8AFF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AFF66 }
```

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

```
.background{ background-color:#8AFF66 }
```

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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