

Converting Colors

Hex(8AFF6E)

Have a look what the booklet for
Hex(8AFF6E) contains.

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Color

Hex(8AFF6E)

Conversions

Conversions Part 1

Format	Color
Hex	8AFF6E
RGB	138, 255, 110
RGB Percent	54%, 100%, 43%
CMY	0.4588, 0.0000, 0.5686
CMYK	0.46, 0.00, 0.57, 0.00
HSL	108°, 100%, 72%
HSV	108°, 57%, 100%
XYZ	49.0557, 78.0491, 27.2313
YIQ	203.4870, -23.1870, -69.8990

Conversions

Conversions Part 2

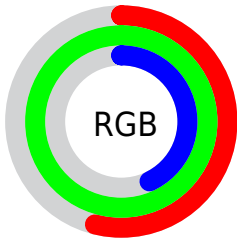
Format	Color
RYB	110, 255, 227
Decimal	9109358
CIELab	90.80, -59.28, 58.13
CIElCh	91, 83.031, 135.562
Yxy	78.0491, 0.3178, 0.5057
Android (android.graphics.Color)	4287299438 (0xFF8AFF6E)
YUV	203.4870, -46.0891, -57.4321
Hunter-Lab	88.3454, -55.4884, 43.5664

Details

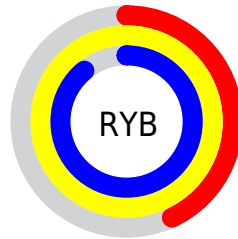
The Hex color **8AFF6E** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E36EFF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **C6FFA5**, and **4CC537** is the 20% darker color. If you saturate the color by 10%, you get **75FF55**, and if you desaturate by 10%, it is **9FFF88**.

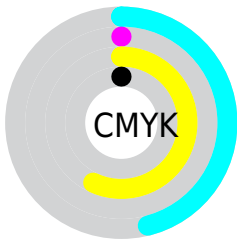
Distribution



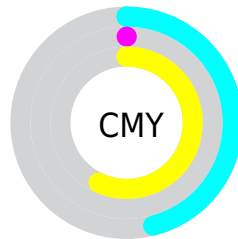
- Red (54%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (89%)



- Cyan (46%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AFF6E 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 8AFF6E by changing the saturation by 10% instead.

 8AFF6E

FFFFFF

 C6FFA5

 E4FFC1

 FFFFDE

 FFFFFC

 8AFF6E

 6CE253

 4CC537

 27A916

 008E00

 007400

 005A00

 004100

 002A00

 000500

 8AFF6E

 8AFF6E

 75FF55

 9FFF88

 61FF3B

 B3FFA1

 4CFF21

 C8FFBB

 38FF08

 DCFFD4

 31FF00

 F1FFEE

FFFFFF

Harmonies

Analogous

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



E6EE38



8AFF6E



00FFBA

Triad

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



8AFF6E



00F8FF



FF9BBE

Complementary

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



8AFF6E



E36EFF

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.



FF9FFF



8AFF6E



99DFFF

Square

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



8AFF6E



00FFFF



FFBDFD



FFB376

Rectangle

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



8AFF6E



00FFF2



FFBDFD



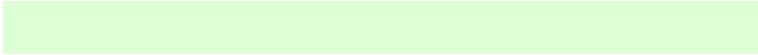
FF98D9

Sweetspot

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



8AFF6E



DCFFD4



FFE26E



6B8066



000000



808080

Same Dimension

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



8AFF6E



73FF52



6EFF9A



758073



25BF00



0C4000

Inverse Universe

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



E36EFF



DE52FF



FF6ED4



7D7380



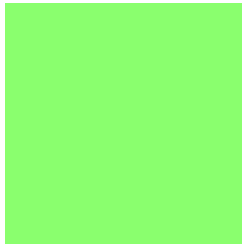
9A00BF



330040

Previews

White Background



This preview shows how the Hex color 8AFF6E looks on a white background.

Color Contrast Check

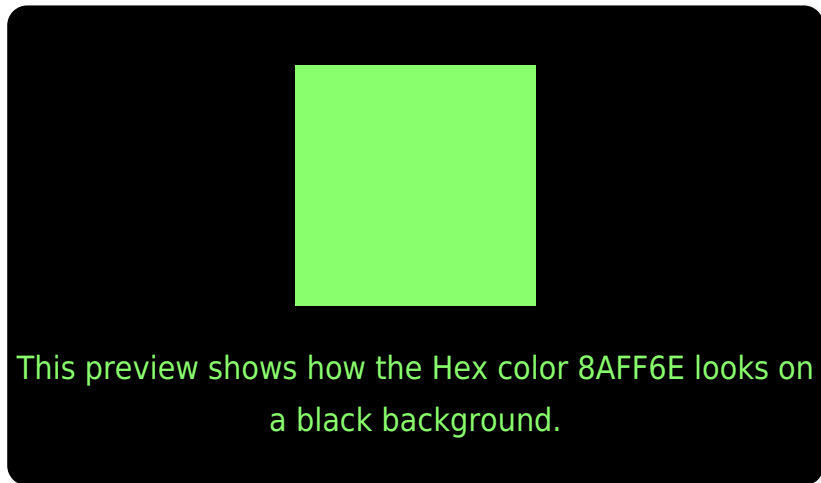
Large Text (above 18pt) WCAG AA × Fail

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

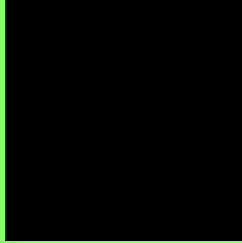
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

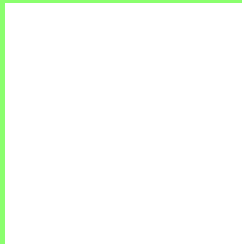
Any Text WCAG AAA ✓ Pass

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

Hex 8AFF6E Background



This preview shows how black text looks on a background with the Hex color 8AFF6E.

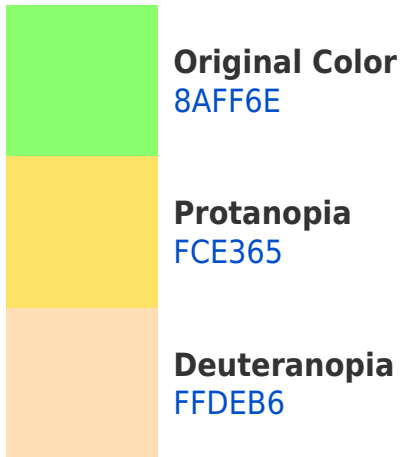


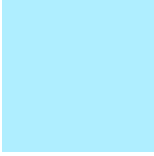
This preview shows how white text looks on a background with the Hex color 8AFF6E.

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](#).

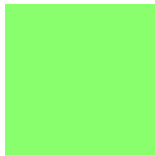
Dichromacy



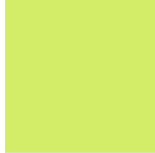


Tritanopia
AFEEFF

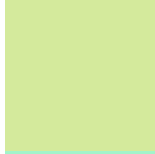
Trichromacy



Original Color
8AFF6E



Protanomaly
D3ED68



Deuteranomaly
D4EA9C

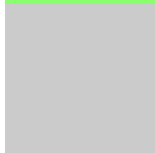


Tritanomaly
A2F4CA

Monochromacy



Original Color
8AFF6E



Achromatopsia
CBCBCB



Achromatomaly
B3DEA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AFF6E 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 #8AFF6E looks like.

```
.text, #text, p{  
    color:#8AFF6E  
}
```

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 #8AFF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AFF6E
}
```

Border

The CSS property to change the border of an element to Hex 8AFF6E 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
#8AFF6E }
```

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

```
.border{ border-color:#8AFF6E }
```

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

Here you see how a box with a 4 pixel #8AFF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AFF6E; -webkit-box-shadow:4px 4px  
4px 4px #8AFF6E; box-shadow:4px 4px 4px  
4px #8AFF6E }
```

Background

The CSS property to change the background color of an element to Hex 8AFF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AFF6E }
```

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

```
.background{ background-color:#8AFF6E }
```

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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