

# Converting Colors

Hex(8AF66A)

Have a look what the booklet for  
Hex(8AF66A) contains.

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# Color

**Hex(8AF66A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AF66A
RGB	138, 246, 106
RGB Percent	54%, 96%, 42%
CMY	0.4588, 0.0353, 0.5843
CMYK	0.44, 0.00, 0.57, 0.04
HSL	106°, 89%, 69%
HSV	106°, 57%, 96%
XYZ	46.0385, 72.3554, 25.1752
YIQ	197.7480, -19.4280, -66.4360

# Conversions

## Conversions Part 2

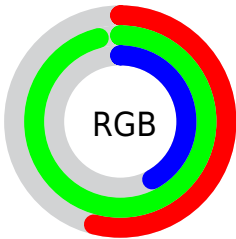
Format	Color
<b>RYB</b>	106, 246, 214
Decimal	9107050
CIELab	88.14, -56.20, 56.80
CIElCh	88, 79.905, 134.699
Yxy	72.3554, 0.3207, 0.5040
Android (android.graphics.Color)	4287297130 (0xFF8AF66A)
YUV	197.7480, -45.2318, -52.3990
Hunter-Lab	85.0620, -52.2480, 41.9958

# Details

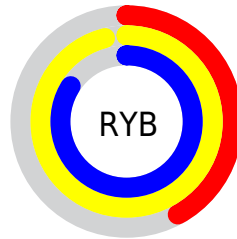
The Hex color **8AF66A** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D66AF6**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C5FFA1**, and **4EBD33** is the 20% darker color. If you saturate the color by 10%, you get **77F651**, and if you desaturate by 10%, it is **9DF683**.

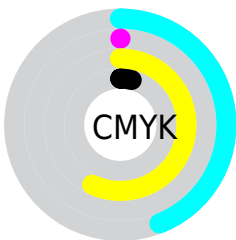
# Distribution



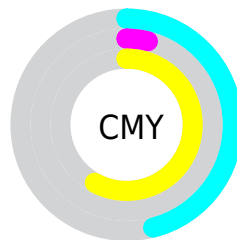
- Red (54%)
- Green (96%)
- Blue (42%)



- Red (42%)
- Yellow (96%)
- Blue (84%)



- Cyan (44%)
- Magenta (0%)
- Yellow (57%)
- Black (4%)



- Cyan (46%)
- Magenta (4%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AF66A 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 8AF66A by changing the saturation by 10% instead.



 8AF66A

 8AF66A

FFFFFF

 6CD94F

 C5FFA1

 4EBD33

 E3FFBD

 2BA112

 FFFFDA

 008600

 FFFFF7

 006C00

 005300

 003A00

 002300

 000000

 8AF66A

 8AF66A

 77F651

 9DF683

 64F639

 B0F69B

 51F620

 C3F6B4

 3EF608

 D6F6CC

 38F600

 E9F6E5

 FCF6FE

 FFF6FF

# Harmonies

## Analogous

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



E1E538



8AF66A



00FFB2

# Triad

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



8AF66A



00F1FF



FF96BB

# Complementary

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



8AF66A



D66AF6

# 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



8AF66A



91D9FF

# Square

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



8AF66A



00FEFF



FFB9FF



FFAD75

# Rectangle

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



8AF66A



00FFE7



FFB9FF



FF95D4

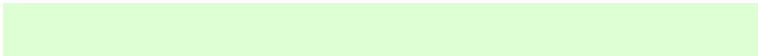


# Sweetspot

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



8AF66A



DEFFD4



F6D56A



6C8066



000000



808080



# Same Dimension

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



8AF66A



79FF52



6AF68F



717A6E



2BBA00



0D3B00



# Inverse Universe

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



D66AF6



D752FF



F66AD1



786E7A



9000BA

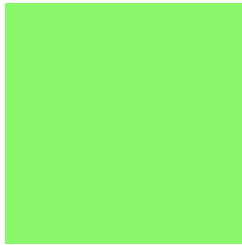


2D003B



# Previews

## White Background



This preview shows how the Hex color 8AF66A looks on a white background.

## Color Contrast Check

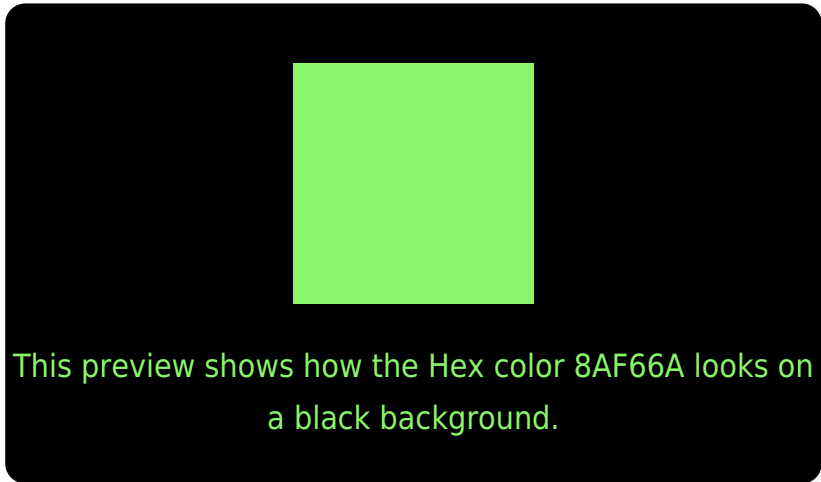
Large Text (above 18pt) WCAG AA × Fail

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

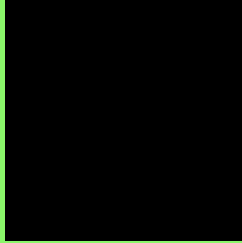
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AF66A Background



This preview shows how black text looks on a background with the Hex color 8AF66A.

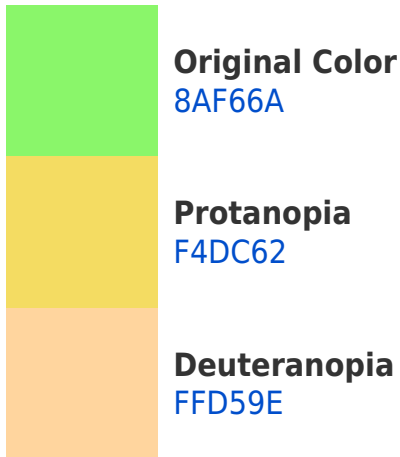


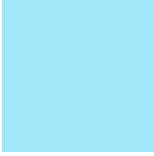
This preview shows how white text looks on a background with the Hex color 8AF66A.

# 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](#).

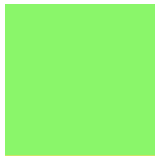
## Dichromacy



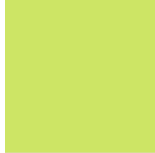


**Tritanopia**  
A4E7FA

# Trichromacy



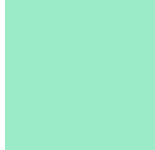
**Original Color**  
8AF66A



**Protanomaly**  
CDE565



**Deuteranomaly**  
D4E18B

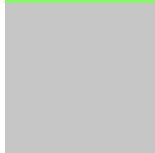


**Tritanomaly**  
9BECC6

# Monochromacy



**Original Color**  
8AF66A



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B0D7A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AF66A 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 #8AF66A looks like.

```
.text, #text, p{  
    color:#8AF66A  
}
```

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 #8AF66A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AF66A
}
```

## Border

The CSS property to change the border of an element to Hex 8AF66A 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
#8AF66A }
```

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

```
.border{ border-color:#8AF66A }
```

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

Here you see how a box with a 4 pixel #8AF66A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AF66A; -webkit-box-shadow:4px 4px  
4px 4px #8AF66A; box-shadow:4px 4px 4px  
4px #8AF66A }
```

# Background

The CSS property to change the background color of an element to Hex 8AF66A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AF66A }
```

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

```
.background{ background-color:#8AF66A }
```

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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