

Converting Colors

Hex(8AF80C)

Have a look what the booklet for
Hex(8AF80C) contains.

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Color

Hex(8AF80C)

Conversions

Conversions Part 1

Format	Color
Hex	8AF80C
RGB	138, 248, 12
RGB Percent	54%, 97%, 5%
CMY	0.4588, 0.0275, 0.9529
CMYK	0.44, 0.00, 0.95, 0.03
HSL	88°, 94%, 51%
HSV	88°, 95%, 97%
XYZ	44.1150, 72.5646, 12.0291
YIQ	188.2060, 10.1960, -96.7160

Conversions

Conversions Part 2

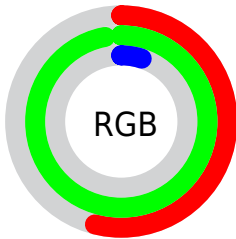
Format	Color
RYB	12, 248, 122
Decimal	9107468
CIELab	88.24, -62.18, 83.76
CIELCh	88, 104.316, 126.591
Yxy	72.5646, 0.3428, 0.5638
Android (android.graphics.Color)	4287297548 (0xFF8AF80C)
YUV	188.2060, -86.8696, -44.0307
Hunter-Lab	85.1849, -56.6331, 51.2570

Details

The Hex color **8AF80C** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **7A0CF8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C7FF5F**, and **49BF00** is the 20% darker color. If you saturate the color by 10%, you get **84F800**, and if you desaturate by 10%, it is **96F825**.

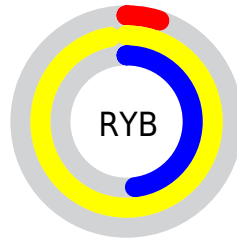
Distribution



Red (54%)

Green (97%)

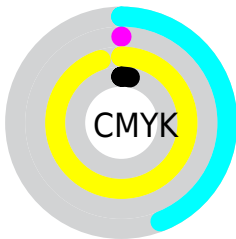
Blue (5%)



Red (5%)

Yellow (97%)

Blue (48%)

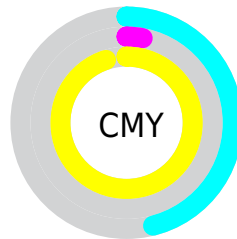


Cyan (44%)

Magenta (0%)

Yellow (95%)

Black (3%)



Cyan (46%)

Magenta (3%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AF80C 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 8AF80C by changing the saturation by 10% instead.

 8AF80C

 8AF80C

FFFFFF

 6BDB00


 C7FF5F

 49BF00

 E6FF7D

 1FA300

 FFFF9B

 008800

 FFFFB9

 006E00

 FFFFD6

 005400

 FFFFF5

 003B00

 002300

 000000

 8AF80C

 8AF80C

 84F800

 96F825

 A1F83E

 ADF856

 B8F86F

 C4F888

 CFF8A1

 DBF8BA

 E6F8D2

 F2F8EB

Harmonies

Analogous

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



F5E000



8AF80C



00FF89

Triad

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



8AF80C



00DFFF



FF69CC

Complementary

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



8AF80C



7A0CF8

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.



FF84FF



8AF80C



00E3FF

Square

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



8AF80C



00FFFF



F8B8FF



FF8A6C

Rectangle

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



8AF80C



00FFCF



F8B8FF



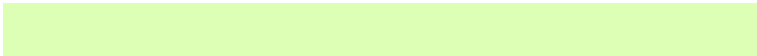
FF6CED

Sweetspot

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



8AF80C



DFFFB5



F8760C



6B8053



000000



808080

Same Dimension

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



8AF80C



88FF00



18F80C



777D70



65BD00



213D00

Inverse Universe

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



7A0CF8



7700FF



EC0CF8



76707D



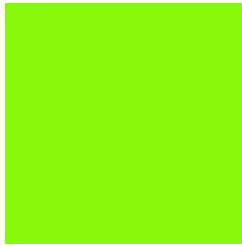
5800BD



1D003D

Previews

White Background



This preview shows how the Hex color 8AF80C looks on a white background.

Color Contrast Check

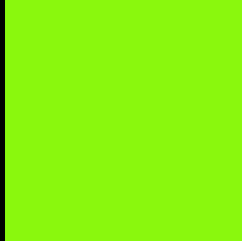
Large Text (above 18pt) WCAG AA × Fail

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 8AF80C 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 8AF80C Background



This preview shows how black text looks on a background with the Hex color 8AF80C.



This preview shows how white text looks on a background with the Hex color 8AF80C.

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](#).

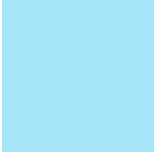
Dichromacy



Original Color
8AF80C

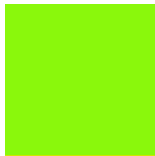
Protanopia
F8DC00

Deuteranopia
FFD597



Tritanopia
A8E7F9

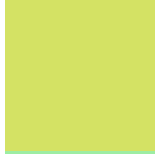
Trichromacy



Original Color
8AF80C



Protanomaly
D0E604



Deuteranomaly
D4E264

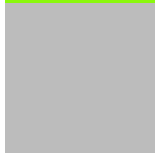


Tritanomaly
9DEDA3

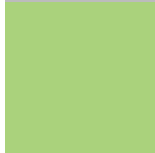
Monochromacy



Original Color
8AF80C



Achromatopsia
BCBCBC



Achromatomaly
AAD27C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AF80C 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 #8AF80C looks like.

```
.text, #text, p{  
    color:#8AF80C  
}
```

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 #8AF80C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AF80C
}
```

Border

The CSS property to change the border of an element to Hex 8AF80C 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
#8AF80C }
```

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

```
.border{ border-color:#8AF80C }
```

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

Here you see how a box with a 4 pixel #8AF80C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AF80C; -webkit-box-shadow:4px 4px  
4px 4px #8AF80C; box-shadow:4px 4px 4px  
4px #8AF80C }
```

Background

The CSS property to change the background color of an element to Hex 8AF80C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AF80C }
```

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

```
.background{ background-color:#8AF80C }
```

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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