

Converting Colors

Hex(8FF68C)

Have a look what the booklet for
Hex(8FF68C) contains.

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Color

Hex(8FF68C)

Conversions

Conversions Part 1

Format	Color
Hex	8FF68C
RGB	143, 246, 140
RGB Percent	56%, 96%, 55%
CMY	0.4392, 0.0353, 0.4510
CMYK	0.42, 0.00, 0.43, 0.04
HSL	118°, 85%, 76%
HSV	118°, 43%, 96%
XYZ	49.0171, 73.6446, 36.4423
YIQ	203.1190, -27.3620, -54.8020

Conversions

Conversions Part 2

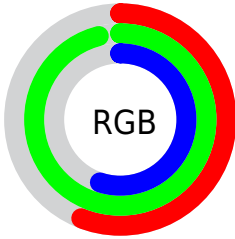
Format	Color
RYB	140, 246, 243
Decimal	9434764
CIELab	88.75, -50.56, 41.75
CIElCh	89, 65.571, 140.453
Yxy	73.6446, 0.3081, 0.4629
Android (android.graphics.Color)	4287624844 (0xFF8FF68C)
YUV	203.1190, -31.1177, -52.7244
Hunter-Lab	85.8164, -48.2222, 34.8938

Details

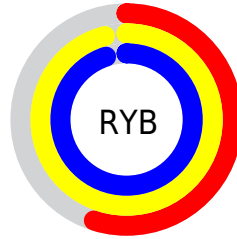
The Hex color **8FF68C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F38CF6**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C9FFC3**, and **55BD58** is the 20% darker color. If you saturate the color by 10%, you get **77F673**, and if you desaturate by 10%, it is **A7F6A5**.

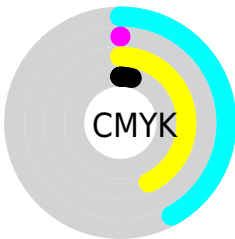
Distribution



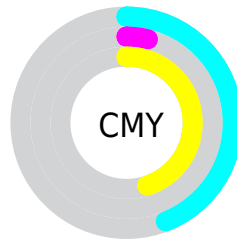
- Red (56%)
- Green (96%)
- Blue (55%)



- Red (55%)
- Yellow (96%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (43%)
- Black (4%)



- Cyan (44%)
- Magenta (4%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FF68C 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 8FF68C by changing the saturation by 10% instead.

 8FF68C

FFFFFF

 C9FFC3

 E6FFDF

 FFFFC

 8FF68C

 72D972

 55BD58

 37A13F

 0C8625

 006C07

 005300

 003B00

 002500

 000000

 8FF68C

 8FF68C

 77F673

 A7F6A5

 5FF65B

 BFF6BD

 47F642

 D7F6D6

 2FF62A

 EFF6EE

 17F611

 FFF6FF

 07F600

Harmonies

Analogous

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



D9E864



8FF68C



00FDC8

Triad

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



8FF68C



00EBFF



FFABB7

Complementary

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



8FF68C



F38CF6

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.



FFABF6



8FF68C



C2D6FF

Square

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



8FF68C



00F9FF



FFBDFD



FFBD80

Rectangle

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



8FF68C



00FEF4



FFBDFD



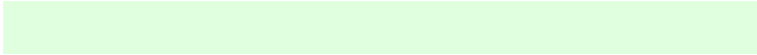
FFA9CB

Sweetspot

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



8FF68C



DFFFDE



F6F28C



6C806B



000000



808080

Same Dimension

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



8FF68C



7EFF7A



8CF6BD



6F7A6E



05BA00



023B00

Inverse Universe

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



F38CF6



FB7AFF



F68CC5



7A6E7A



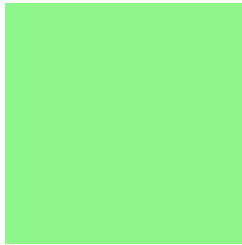
B500BA



39003B

Previews

White Background



This preview shows how the Hex color 8FF68C looks on a white background.

Color Contrast Check

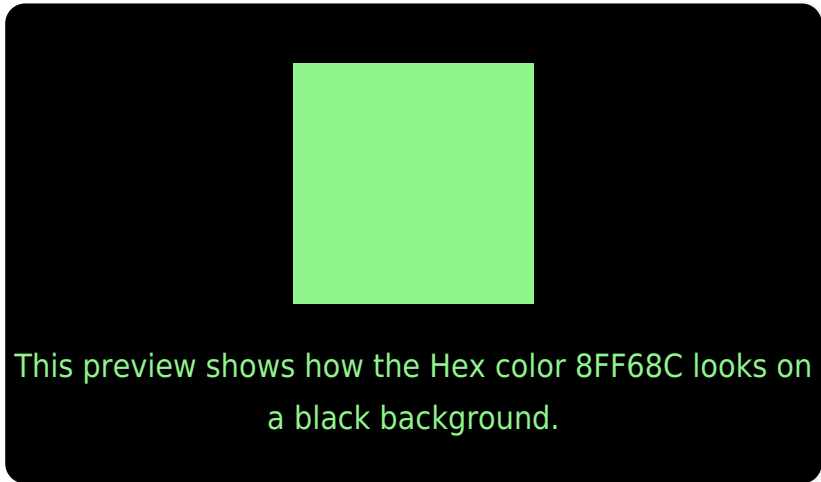
Large Text (above 18pt) WCAG AA × Fail

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

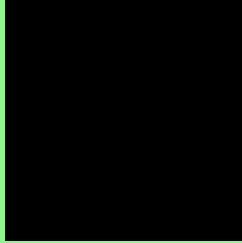
Any Text WCAG AA ✓ Pass

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 8FF68C Background



This preview shows how black text looks on a background with the Hex color 8FF68C.

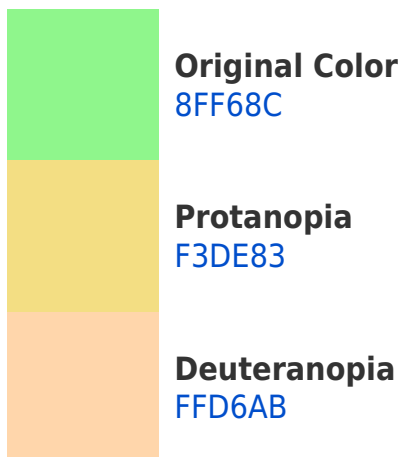


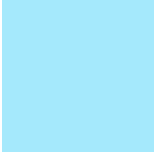
This preview shows how white text looks on a background with the Hex color 8FF68C.

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



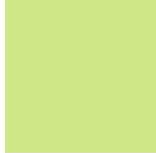


Tritanopia
A5E9FC

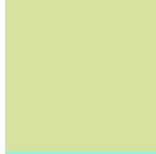
Trichromacy



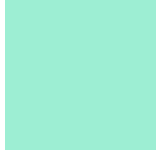
Original Color
8FF68C



Protanomaly
CFE786



Deuteranomaly
D6E2A0

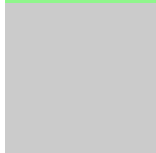


Tritanomaly
9DEED3

Monochromacy



Original Color
8FF68C



Achromatopsia
CBCBCB



Achromatomaly
B5DBB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FF68C 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 #8FF68C looks like.

```
.text, #text, p{  
    color:#8FF68C  
}
```

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 #8FF68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FF68C
}
```

Border

The CSS property to change the border of an element to Hex 8FF68C 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
#8FF68C }
```

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

```
.border{ border-color:#8FF68C }
```

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

Here you see how a box with a 4 pixel #8FF68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FF68C; -webkit-box-shadow:4px 4px  
4px 4px #8FF68C; box-shadow:4px 4px 4px  
4px #8FF68C }
```

Background

The CSS property to change the background color of an element to Hex 8FF68C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FF68C }
```

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

```
.background{ background-color:#8FF68C }
```

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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