

Converting Colors

Hex(8CF8A8)

Have a look what the booklet for
Hex(8CF8A8) contains.

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Color

Hex(8CF8A8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8CF8A8 |
| RGB | 140, 248, 168 |
| RGB Percent | 55%, 97%, 66% |
| CMY | 0.4510, 0.0275, 0.3412 |
| CMYK | 0.44, 0.00, 0.32, 0.03 |
| HSL | 136°, 89%, 76% |
| HSV | 136°, 44%, 97% |
| XYZ | 51.4505, 75.5374, 48.9142 |
| YIQ | 206.5880, -38.6880, -47.7760 |

Conversions

Conversions Part 2

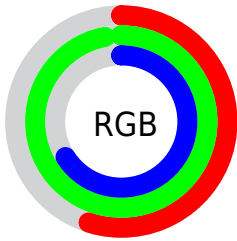
| Format | Color |
|-------------------------------------|--|
| RYB | 140, 226, 248 |
| Decimal | 9238696 |
| CIELab | 89.64, -47.87, 28.97 |
| CIELCh | 90, 55.953, 148.818 |
| Yxy | 75.5374, 0.2925, 0.4294 |
| Android (android.graphics.Color) | 4287428776 (0xFF8CF8A8) |
| YUV | 206.5880, -19.0239, -58.3977 |
| Hunter-Lab | 86.9123, -46.4276, 27.4702 |

Details

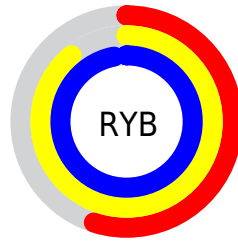
The Hex color **8CF8A8** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F88CDC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C6FFE0**, and **52BF73** is the 20% darker color. If you saturate the color by 10%, you get **73F896**, and if you desaturate by 10%, it is **A5F8BA**.

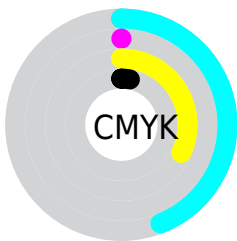
Distribution



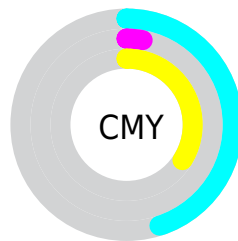
- Red (55%)
- Green (97%)
- Blue (66%)



- Red (55%)
- Yellow (89%)
- Blue (97%)



- Cyan (44%)
- Magenta (0%)
- Yellow (32%)
- Black (3%)



- Cyan (45%)
- Magenta (3%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CF8A8 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 8CF8A8 by changing the saturation by 10% instead.

 8CF8A8

 8CF8A8

FFFFFF

 6FDB8D

 C6FFE0

 52BF73

 E3FFFC

 33A35A

 038842

 006E2B

 005513

 003C00

 002700

 000000

 8CF8A8

 8CF8A8

 73F896

 A5F8BA

 5AF883

 BEF8CD

 42F871

 D6F8DF

 29F85F

 EFF8F1

 10F84C

 FFF8FF

 00F840

Harmonies

Analogous

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



CEEE81



8CF8A8



13FDDD

Triad

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



8CF8A8



84E7FF



FFBAB1

Complementary

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



8CF8A8



F88CDC

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.



FFB6E6



8CF8A8



E3D4FF

Square

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



8CF8A8



00F5FF



FFC1FF



FFCA87

Rectangle

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



8CF8A8



00DFFF



FFC1FF



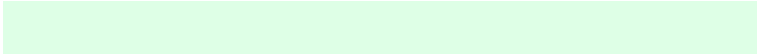
FFB7C2

Sweetspot

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



8CF8A8



DEFFE6



DDF88C



6B8070



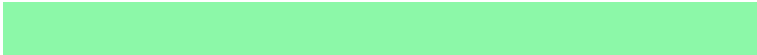
000000



808080

Same Dimension

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



8CF8A8



7AFF9D



8CF8DD



707D74



00BD31



003D10

Inverse Universe

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



F88CDC



FF7ADD



F88CA7



7D707A



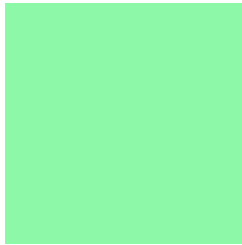
BD008C



3D002D

Previews

White Background



This preview shows how the Hex color 8CF8A8 looks on a white background.

Color Contrast Check

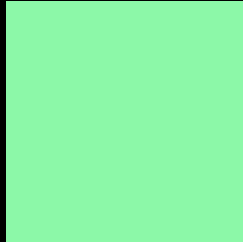
Large Text (above 18pt) WCAG AA × Fail

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 8CF8A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

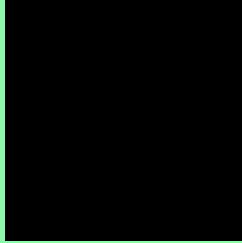
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

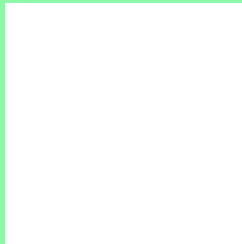
Any Text WCAG AAA ✓ Pass

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

Hex 8CF8A8 Background



This preview shows how black text looks on a background with the Hex color 8CF8A8.

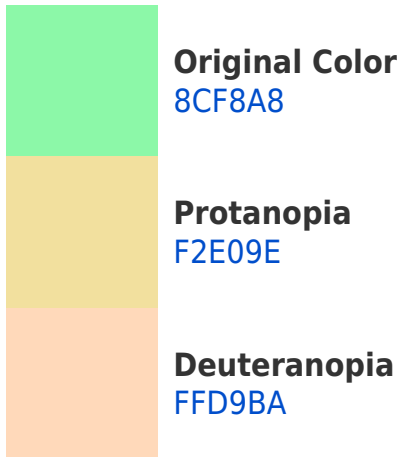


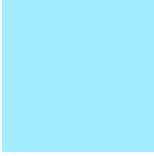
This preview shows how white text looks on a background with the Hex color 8CF8A8.

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



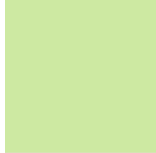


Tritanopia
A2EDFF

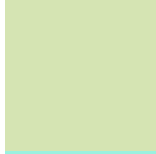
Trichromacy



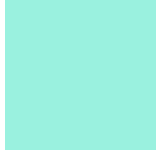
Original Color
8CF8A8



Protanomaly
CDE9A2

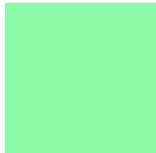


Deuteranomaly
D5E4B3

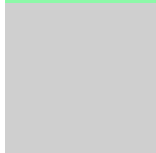


Tritanomaly
9AF1DF

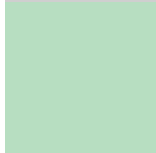
Monochromacy



Original Color
8CF8A8



Achromatopsia
CFCFCF



Achromatomaly
B7DEC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CF8A8 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 #8CF8A8 looks like.

```
.text, #text, p{  
    color:#8CF8A8  
}
```

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 #8CF8A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CF8A8
}
```

Border

The CSS property to change the border of an element to Hex 8CF8A8 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
#8CF8A8 }
```

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

```
.border{ border-color:#8CF8A8 }
```

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

Here you see how a box with a 4 pixel #8CF8A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CF8A8; -webkit-box-shadow:4px 4px  
4px 4px #8CF8A8; box-shadow:4px 4px 4px  
4px #8CF8A8 }
```

Background

The CSS property to change the background color of an element to Hex 8CF8A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CF8A8 }
```

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

```
.background{ background-color:#8CF8A8 }
```

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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