

# Converting Colors

Hex(8CFFA2)

Have a look what the booklet for  
Hex(8CFFA2) contains.

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**Color**

**Hex(8CFFA2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CFFA2
RGB	140, 255, 162
RGB Percent	55%, 100%, 64%
CMY	0.4510, 0.0000, 0.3647
CMYK	0.45, 0.00, 0.36, 0.00
HSL	131°, 100%, 77%
HSV	131°, 45%, 100%
XYZ	53.0968, 79.7041, 46.7684
YIQ	210.0130, -38.6870, -53.3030

# Conversions

## Conversions Part 2

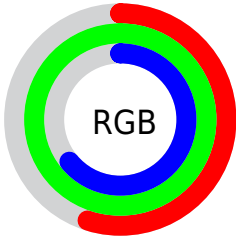
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 237, 255
Decimal	9240482
CIELab	91.55, -51.79, 34.53
CIELCh	92, 62.249, 146.306
Yxy	79.7041, 0.2957, 0.4439
Android (android.graphics.Color)	4287430562 (0xFF8CFFA2)
YUV	210.0130, -23.6704, -61.4014
Hunter-Lab	89.2771, -50.0737, 31.4346

# Details

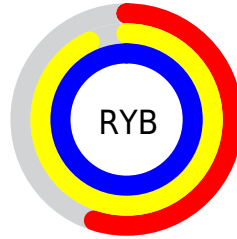
The Hex color **8CFFA2** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF8CE9**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **C6FFDA**, and **51C56D** is the 20% darker color. If you saturate the color by 10%, you get **73FF8D**, and if you desaturate by 10%, it is **A6FFB7**.

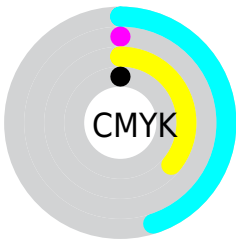
# Distribution



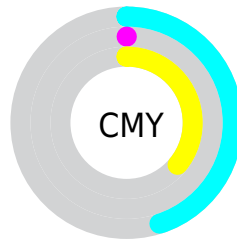
- Red (55%)
- Green (100%)
- Blue (64%)



- Red (55%)
- Yellow (93%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CFFA2 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 8CFFA2 by changing the saturation by 10% instead.



 8CFFA2

 8CFFA2

FFFFFF

 6FE287

 C6FFDA

 51C56D

 E4FFF6

 30AA54

 008E3C

 007424

 005A09

 004200

 002C00

 000B00

 8CFFA2

 8CFFA2

 73FF8D

 A6FFB7

 59FF79

 BFFFCB

 40FF64

 D9FFE0

 26FF50

 F2FFF4

 0DFF3B

FFFFFF

 00FF31

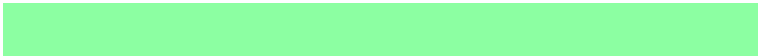
# Harmonies

## Analogous

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



D6F377



8CFFA2



00FFDD

# Triad

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



8CFFA2



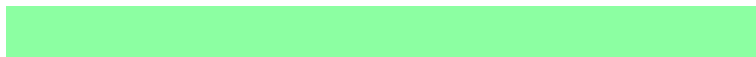
68EFFF



FFB9B5

# Complementary

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



8CFFA2



FF8CE9

# 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.



FFB5F1



8CFFA2



E0DAFF

# Square

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



8CFFA2



00FEFF



FFC3FF



FFCB85

# Rectangle

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



8CFFA2



00FFFF



FFC3FF

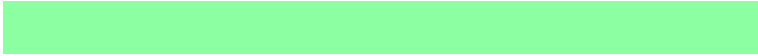


FFB6C8

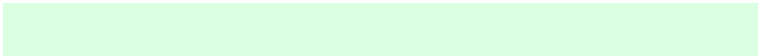


# Sweetspot

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



8CFFA2



DBFFE2



EAFF8C



6A806E



000000

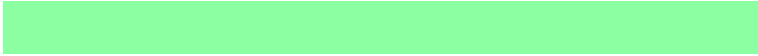


808080



# Same Dimension

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



8CFFA2



75FF90



8CFFDB



738075



00BF25



00400C



# Inverse Universe

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



FF8CE9



FF75E5



FF8CB0



80737D



BF009B

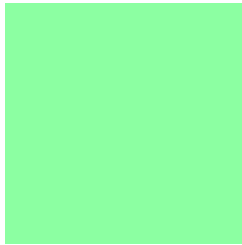


400034



# Previews

## White Background



This preview shows how the Hex color 8CFFA2 looks on a white background.

## Color Contrast Check

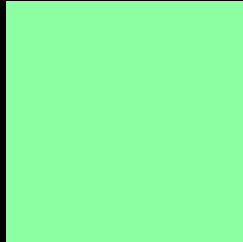
Large Text (above 18pt) WCAG AA × Fail

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 8CFFA2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

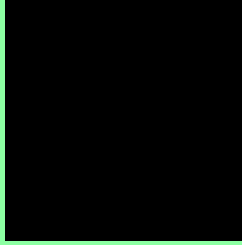
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CFFA2 Background



This preview shows how black text looks on a background with the Hex color 8CFFA2.

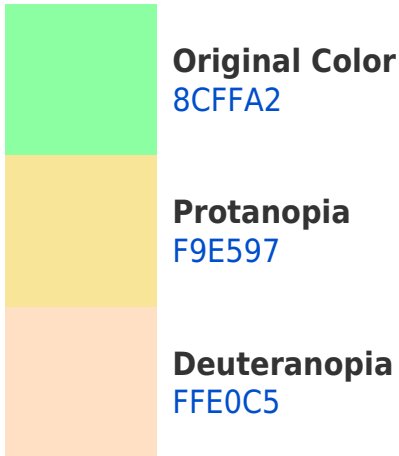


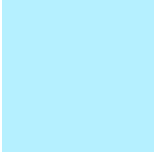
This preview shows how white text looks on a background with the Hex color 8CFFA2.

# 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



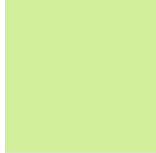


**Tritanopia**  
B5F0FF

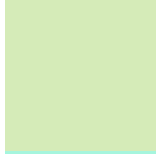
# Trichromacy



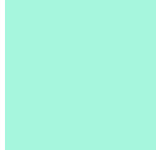
**Original Color**  
8CFFA2



**Protanomaly**  
D1EE9B

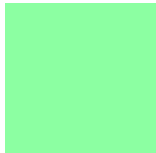


**Deuteranomaly**  
D5EBB8

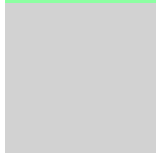


**Tritanomaly**  
A6F5DD

# Monochromacy



**Original Color**  
8CFFA2



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
B9E2C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CFFA2 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 #8CFFA2 looks like.

```
.text, #text, p{  
    color:#8CFFA2  
}
```

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 #8CFFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CFFA2
}
```

## Border

The CSS property to change the border of an element to Hex 8CFFA2 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
#8CFFA2 }
```

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

```
.border{ border-color:#8CFFA2 }
```

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

Here you see how a box with a 4 pixel #8CFFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CFFA2; -webkit-box-shadow:4px 4px  
4px 4px #8CFFA2; box-shadow:4px 4px 4px  
4px #8CFFA2 }
```

# Background

The CSS property to change the background color of an element to Hex 8CFFA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CFFA2 }
```

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

```
.background{ background-color:#8CFFA2 }
```

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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