

# Converting Colors

Hex(9CFCA7)

Have a look what the booklet for  
Hex(9CFCA7) contains.

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**Color**

**Hex(9CFC A7)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 9CFCA7                       |
| RGB         | 156, 252, 167                |
| RGB Percent | 61%, 99%, 65%                |
| CMY         | 0.3882, 0.0118, 0.3451       |
| CMYK        | 0.38, 0.00, 0.34, 0.01       |
| HSL         | 127°, 94%, 80%               |
| HSV         | 127°, 38%, 99%               |
| XYZ         | 55.4958, 79.4787, 48.9752    |
| YIQ         | 213.6060, -29.9310, -46.7870 |

# Conversions

## Conversions Part 2

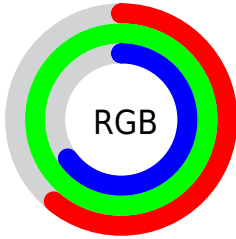
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">156, 242, 252</a>                    |
| Decimal                             | <a href="#">10288295</a>                         |
| CIELab                              | <a href="#">91.45, -45.24, 32.02</a>             |
| CIELCh                              | <a href="#">91, 55.429, 144.712</a>              |
| Yxy                                 | <a href="#">79.4787, 0.3017,<br/>0.4321</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4288478375<br/>(0xFF9CFCA7)</a>      |
| YUV                                 | <a href="#">213.6060, -22.9768,<br/>-50.5205</a> |
| Hunter-Lab                          | <a href="#">89.1509, -44.8990,<br/>29.8345</a>   |

# Details

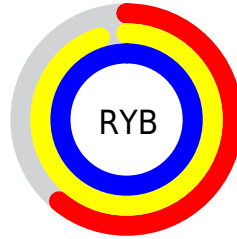
The Hex color **9CFCA7** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FC9CF1**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **D6FFDF**, and **64C372** is the 20% darker color. If you saturate the color by 10%, you get **83FC91**, and if you desaturate by 10%, it is **B5FCBD**.

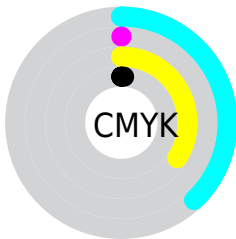
# Distribution



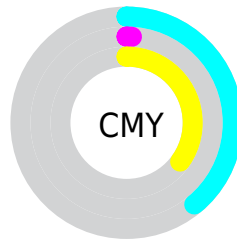
- Red (61%)
- Green (99%)
- Blue (65%)



- Red (61%)
- Yellow (95%)
- Blue (99%)



- Cyan (38%)
- Magenta (0%)
- Yellow (34%)
- Black (1%)



- Cyan (39%)
- Magenta (1%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CFCA7 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 9CFCA7 by changing the saturation by 10% instead.



 9CFCA7

 9CFCA7

FFFFFF

 80DF8C

 D6FFDF

 64C372

 F3FFFB

 47A759

 298C41

 007229

 005911

 004000

 002B00

 000A00

 9CFC A7

 9CFC A7

 83FC 91

 B5FC BD

 6AFC 7A

 CEFC D4

 50FC 64

 E8FC EA

 37FC 4E

 FFFC FF

 1EFC 37

 05FC 21

 00FC 1D

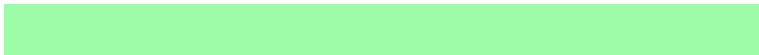
# Harmonies

## Analogous

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



DBF183



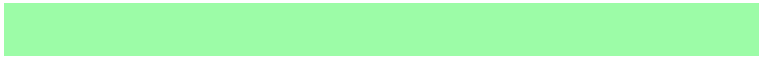
9CFC A7



42FFDB

# Triad

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



9CFCA7



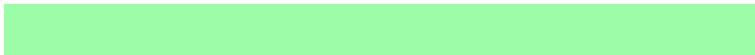
7CEFFF



FFBEBD

# Complementary

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



9CFCA7



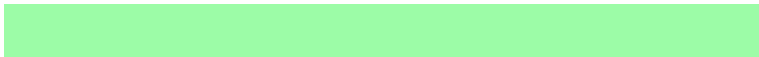
FC9CF1

# 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.



FFBCF2



9CFCA7



DDDCFF

# Square

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



9CFCA7



00FCFF



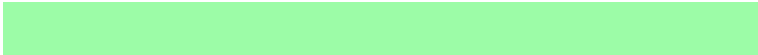
FFC8FF



FFCD91

# Rectangle

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



9CFA7



00FFFF



FFC8FF

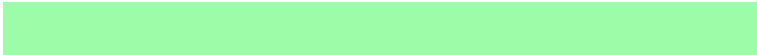


FFBCCE

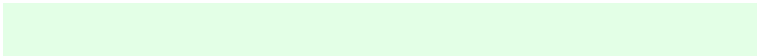


# Sweetspot

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



9CFC A7



E3FF E6



F2FC 9C



6F80 71



0000 00

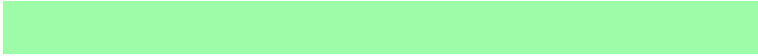


8080 80



# Same Dimension

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



9CFCA7



8AFF97



9CFCD6



707D72



00BD16



003D07



# Inverse Universe

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



FC9CF1



FF8AF2



FC9CC2



7D707C



BD00A7

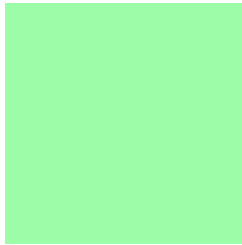


3D0036



# Previews

## White Background



This preview shows how the Hex color 9CFC A7 looks on a white background.

## Color Contrast Check

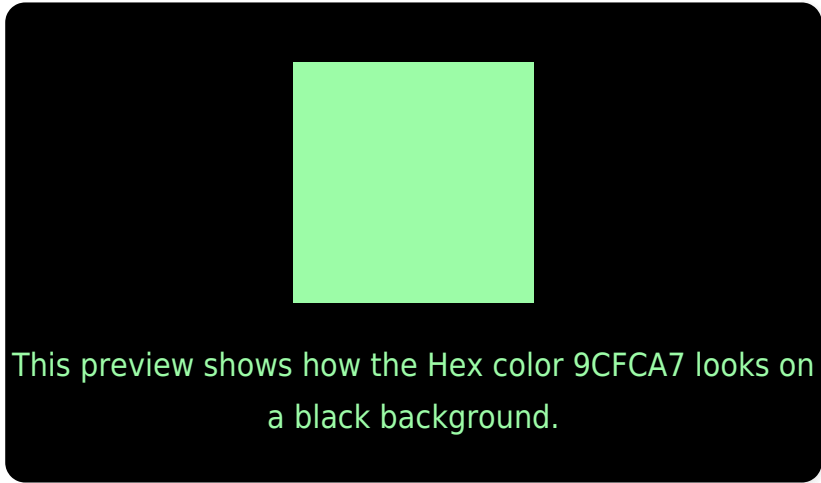
Large Text (above 18pt) WCAG AA × Fail

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

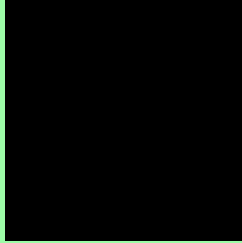
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CFC7 Background



This preview shows how black text looks on a background with the Hex color 9CFC7.

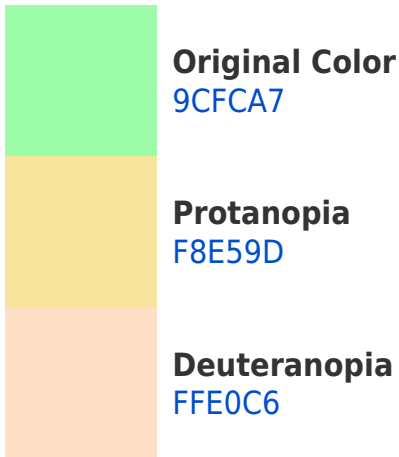


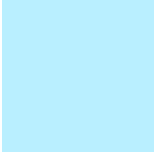
This preview shows how white text looks on a background with the Hex color 9CFC7.

# 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



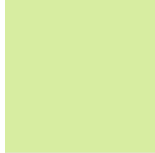


**Tritanopia**  
B9EFFF

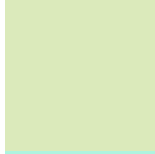
# Trichromacy



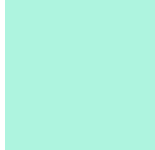
**Original Color**  
9CFCA7



**Protanomaly**  
D7EDA1



**Deuteranomaly**  
DBEABB

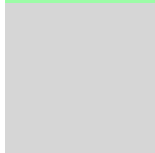


**Tritanomaly**  
AEF4DF

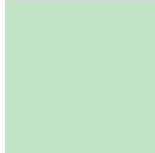
# Monochromacy



**Original Color**  
9CFCA7



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
C1E4C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CFCA7 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 #9CFCA7 looks like.

```
.text, #text, p{  
    color:#9CFCA7  
}
```

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 #9CFCA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CFCA7  
}
```

## Border

The CSS property to change the border of an element to Hex 9CFCA7 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  
#9CFCA7 }
```

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

```
.border{ border-color:#9CFCA7 }
```

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

Here you see how a box with a 4 pixel #9CFCA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CFCA7; -webkit-box-shadow:4px 4px  
4px 4px #9CFCA7; box-shadow:4px 4px 4px  
4px #9CFCA7 }
```

# Background

The CSS property to change the background color of an element to Hex 9CFCA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CFCA7 }
```

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

```
.background{ background-color:#9CFCA7 }
```

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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