

# Converting Colors

Hex(9CFFC7)

Have a look what the booklet for  
Hex(9CFFC7) contains.

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# **Color**

**Hex(9CFFC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CFFC7
RGB	156, 255, 199
RGB Percent	61%, 100%, 78%
CMY	0.3882, 0.0000, 0.2196
CMYK	0.39, 0.00, 0.22, 0.00
HSL	146°, 100%, 81%
HSV	146°, 39%, 100%
XYZ	59.7791, 82.7114, 66.8470
YIQ	219.0150, -41.0280, -38.4040

# Conversions

## Conversions Part 2

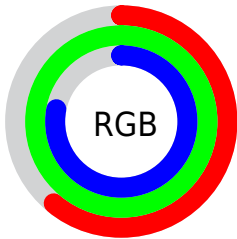
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 225, 255
Decimal	10289095
CIELab	92.89, -40.95, 17.76
CIELCh	93, 44.637, 156.561
Yxy	82.7114, 0.2856, 0.3951
Android (android.graphics.Color)	4288479175 (0xFF9CFFC7)
YUV	219.0150, -9.8674, -55.2642
Hunter-Lab	90.9458, -41.8263, 20.0827

# Details

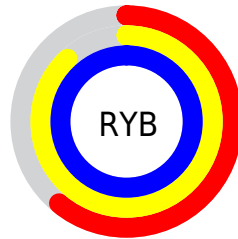
The Hex color **9CFFC7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF9CD4**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **D6FFFF**, and **64C691** is the 20% darker color. If you saturate the color by 10%, you get **83FFB9**, and if you desaturate by 10%, it is **B6FFD5**.

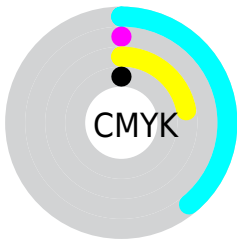
# Distribution



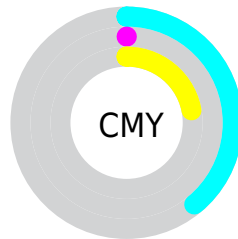
- Red (61%)
- Green (100%)
- Blue (78%)



- Red (61%)
- Yellow (88%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CFFC7 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 9CFFC7 by changing the saturation by 10% instead.



 9CFFC7

 9CFFC7

FFFFFF

 80E2AC

 D6FFFF

 64C691

 F3FFFF

 47AA77

 288F5E

 007546

 005C30

 00431A

 002C01

 001200

 9CFFC7

 9CFFC7

 83FFB9

 B6FFD5

 69FFAA

 CFFFE4

 50FF9C

 E9FFF2

 36FF8D

FFFFFF

 1DFF7F

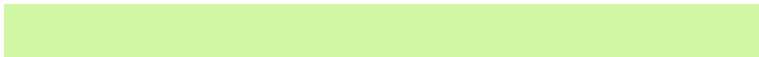
 03FF70

 00FF6F

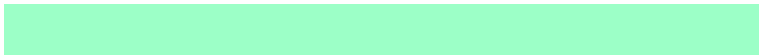
# Harmonies

## Analogous

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



D0F7A4



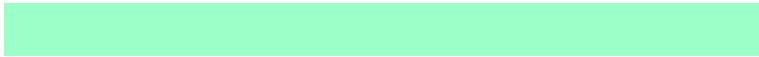
9CFFC7



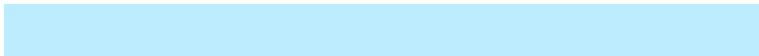
66FFF3

# Triad

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



9CFFC7



BDECFE



FFCFB9

# Complementary

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



9CFFC7



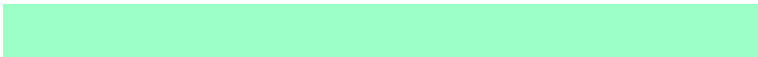
FF9CD4

# 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.



FFC9E3



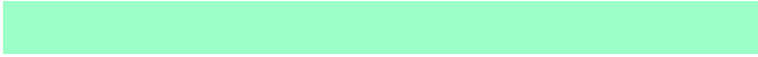
9CFFC7



FCDCFF

# Square

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



9CFFC7



78F8FF



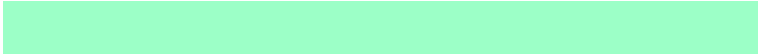
FFCFFF



FFDC9D

# Rectangle

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



9CFFC7



4CFFFF



FFCFFF

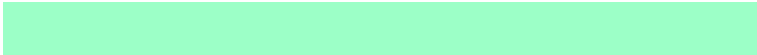


FFCC66

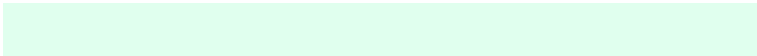


# Sweetspot

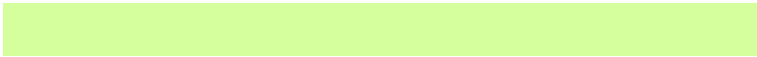
The Sweet Spot groups the original color and five complimentary colors.



9CFFC7



E0FFEE



D4FF9C



6E8075



000000

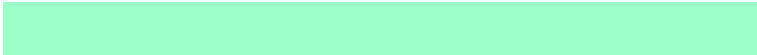


808080



# Same Dimension

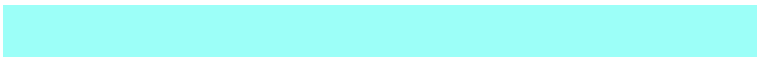
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9CFFC7



87FFBB



9CFFF8



738078



00BF53



00401C



# Inverse Universe

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



FF9CD4



FF87CB



FF9CA3



80737A



BF006C

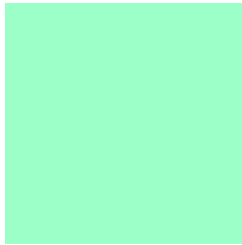


400024



# Previews

## White Background



This preview shows how the Hex color 9CFFC7 looks on a white background.

## Color Contrast Check

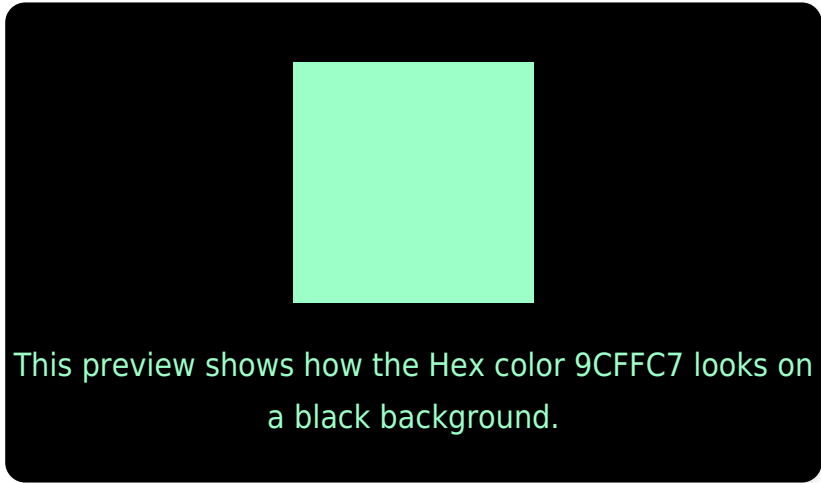
Large Text (above 18pt) WCAG AA × Fail

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

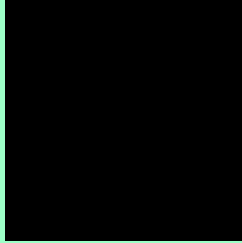
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CFFC7 Background



This preview shows how black text looks on a background with the Hex color 9CFFC7.

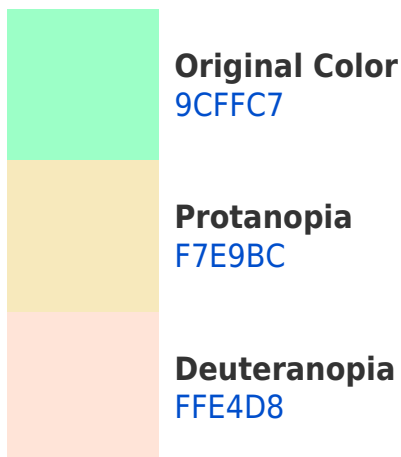


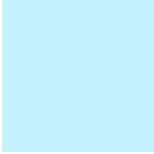
This preview shows how white text looks on a background with the Hex color 9CFFC7.

# 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



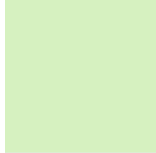


**Tritanopia**  
C4F2FF

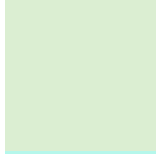
# Trichromacy



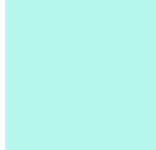
**Original Color**  
9CFFC7



**Protanomaly**  
D6F1C0

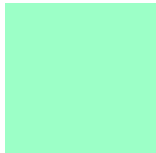


**Deuteranomaly**  
DBEED2

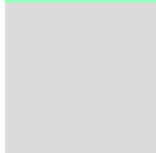


**Tritanomaly**  
B5F7EB

# Monochromacy



**Original Color**  
9CFFC7



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
C4E8D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CFFC7 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 #9CFFC7 looks like.

```
.text, #text, p{  
    color:#9CFFC7  
}
```

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 #9CFFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CFFC7  
}
```

## Border

The CSS property to change the border of an element to Hex 9CFFC7 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  
#9CFFC7 }
```

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

```
.border{ border-color:#9CFFC7 }
```

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

Here you see how a box with a 4 pixel #9CFFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CFFC7; -webkit-box-shadow:4px 4px  
4px 4px #9CFFC7; box-shadow:4px 4px 4px  
4px #9CFFC7 }
```

# Background

The CSS property to change the background color of an element to Hex 9CFFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CFFC7 }
```

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

```
.background{ background-color:#9CFFC7 }
```

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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