

# Converting Colors

Hex(9FF07C)

Have a look what the booklet for  
Hex(9FF07C) contains.

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**Color**

**Hex(9FF07C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FF07C
RGB	159, 240, 124
RGB Percent	62%, 94%, 49%
CMY	0.3765, 0.0588, 0.5137
CMYK	0.34, 0.00, 0.48, 0.06
HSL	102°, 79%, 71%
HSV	102°, 48%, 94%
XYZ	49.0963, 71.1463, 30.2138
YIQ	202.5570, -11.0400, -53.2480

# Conversions

## Conversions Part 2

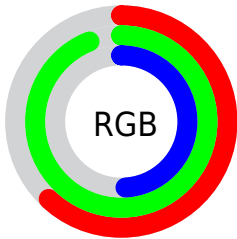
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 240, 205</a>
Decimal	<a href="#">10481788</a>
CIELab	<a href="#">87.56, -45.18, 48.09</a>
CIElCh	<a href="#">88, 65.988, 133.211</a>
Yxy	<a href="#">71.1463, 0.3263, 0.4729</a>
Android (android.graphics.Color)	<a href="#">4288671868 (0xFF9FF07C)</a>
YUV	<a href="#">202.5570, -38.7286, -38.1995</a>
Hunter-Lab	<a href="#">84.3483, -43.7108, 37.8060</a>

# Details

The Hex color **9FF07C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **CD7CF0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D9FFB2**, and **67B748** is the 20% darker color. If you saturate the color by 10%, you get **8EF064**, and if you desaturate by 10%, it is **B0F094**.

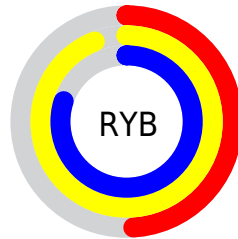
# Distribution



Red (62%)

Green (94%)

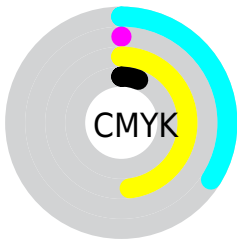
Blue (49%)



Red (49%)

Yellow (94%)

Blue (80%)

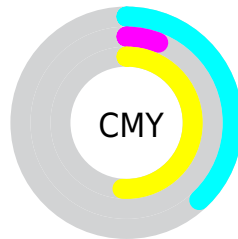


Cyan (34%)

Magenta (0%)

Yellow (48%)

Black (6%)



Cyan (38%)

Magenta (6%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FF07C 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 9FF07C by changing the saturation by 10% instead.



 9FF07C

 9FF07C

FFFFFF

 83D362

 D9FFB2

 67B748

 F6FFCF

 4B9C2D

 FFFFEB

 2D820F

 026800

 004F00

 003700

 002200

 000000

 9FF07C

 9FF07C

 8EF064

 B0F094

 7DF04C

 C1F0AC

 6DF034

 D1F0C4

 5CF01C

 E2F0DC

 4BF004

 F3F0F4

 48F000

 FFF0FF

# Harmonies

## Analogous

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



E5E15B



9FF07C



24F8B5

# Triad

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



9FF07C



00ECFF



FFA5C2

# Complementary

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



9FF07C



CD7CF0

# Split Complementary

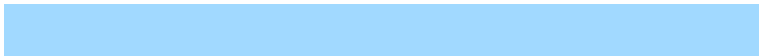
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAAFF



9FF07C



A1D9FF

# Square

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



9FF07C



00F7FF



FFC0FF



FFB488

# Rectangle

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



9FF07C



00FBEO



FFC0FF



FFA5D7

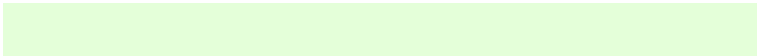


# Sweetspot

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



9FF07C



E4FFD9



F0CB7C



6F8069



000000



808080



# Same Dimension

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



9FF07C



98FF6B



7CF091



6F786C



37B800



113800



# Inverse Universe

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



CD7CF0



D26BFF



F07CDB



746C78



8000B8

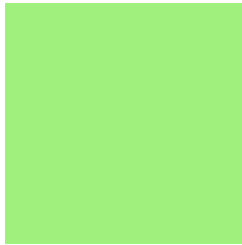


270038



# Previews

## White Background



This preview shows how the Hex color 9FF07C looks on a white background.

## Color Contrast Check

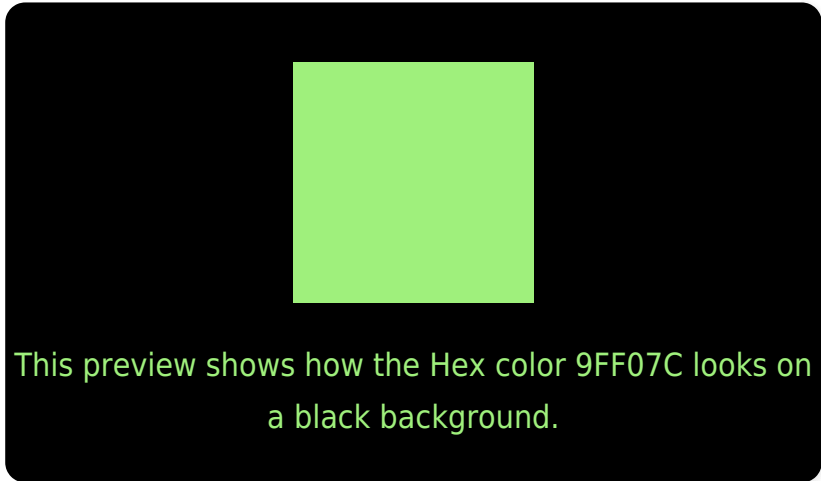
Large Text (above 18pt) WCAG AA × Fail

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 9FF07C Background



This preview shows how black text looks on a background with the Hex color 9FF07C.

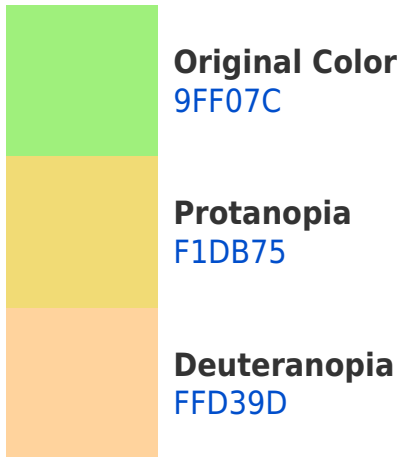


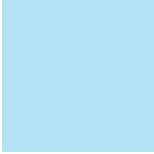
This preview shows how white text looks on a background with the Hex color 9FF07C.

# 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](#).

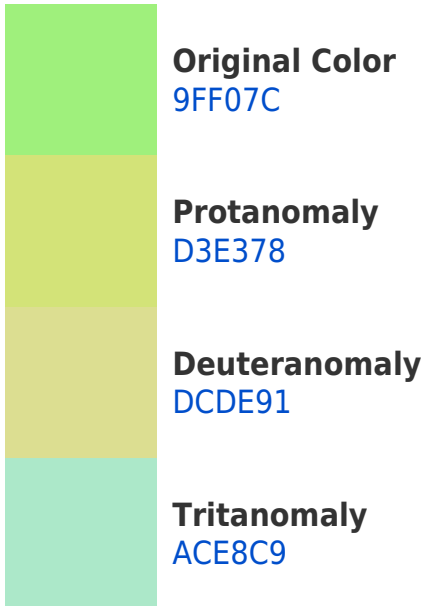
## Dichromacy



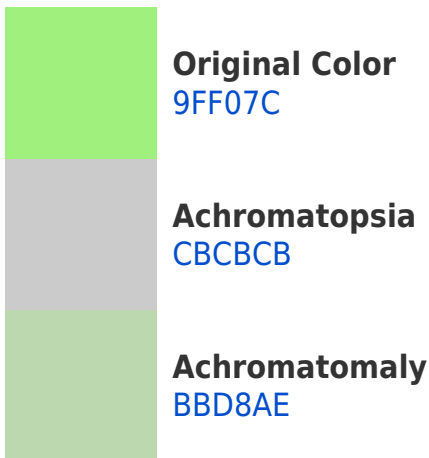


**Tritanopia**  
B3E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FF07C 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 #9FF07C looks like.

```
.text, #text, p{  
    color:#9FF07C  
}
```

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 #9FF07C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF07C  
}
```

## Border

The CSS property to change the border of an element to Hex 9FF07C 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  
#9FF07C }
```

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

```
.border{ border-color:#9FF07C }
```

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

Here you see how a box with a 4 pixel #9FF07C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF07C; -webkit-box-shadow:4px 4px  
4px 4px #9FF07C; box-shadow:4px 4px 4px  
4px #9FF07C }
```

# Background

The CSS property to change the background color of an element to Hex 9FF07C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF07C }
```

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

```
.background{ background-color:#9FF07C }
```

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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