

# Converting Colors

Hex(9FF1C7)

Have a look what the booklet for  
Hex(9FF1C7) contains.

<b>Hex(9FF1C7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9FF1C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FF1C7
RGB	159, 241, 199
RGB Percent	62%, 95%, 78%
CMY	0.3765, 0.0549, 0.2196
CMYK	0.34, 0.00, 0.17, 0.05
HSL	149°, 75%, 78%
HSV	149°, 34%, 95%
XYZ	56.0622, 74.4050, 65.4397
YIQ	211.6940, -35.3900, -30.4460

# Conversions

## Conversions Part 2

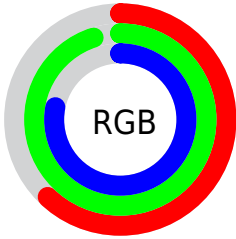
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 214, 241
Decimal	10482119
CIELab	89.11, -33.75, 12.45
CIELCh	89, 35.977, 159.755
Yxy	74.4050, 0.2862, 0.3798
Android (android.graphics.Color)	4288672199 (0xFF9FF1C7)
YUV	211.6940, -6.2581, -46.2126
Hunter-Lab	86.2584, -34.9390, 15.4007

# Details

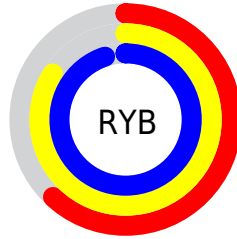
The Hex color **9FF1C7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F19FC9**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D8FFFF**, and **68B991** is the 20% darker color. If you saturate the color by 10%, you get **87F1BB**, and if you desaturate by 10%, it is **B7F1D3**.

# Distribution



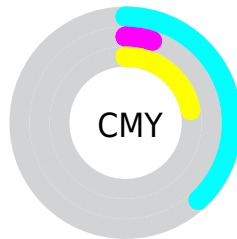
- Red (62%)
- Green (95%)
- Blue (78%)



- Red (62%)
- Yellow (84%)
- Blue (95%)



- Cyan (34%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FF1C7 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 9FF1C7 by changing the saturation by 10% instead.



 9FF1C7

 9FF1C7

FFFFFF

 83D4AC

 D8FFFF

 68B991

 F5FFFF

 4D9D77

 32835F

 116947

 005130

 00391B

 002401

 000000

 9FF1C7

 9FF1C7

 87F1BB

 B7F1D3

 6FF1AE

 CFF1E0

 57F1A2

 E7F1EC

 3FF196

 FFF1F8

 27F189

 FFF1FF

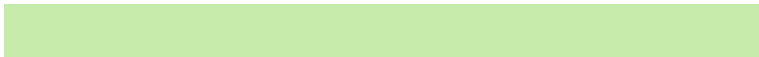
 0EF17D

 00F176

# Harmonies

## Analogous

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



C7EBAA



9FF1C7



7DF3EA

# Triad

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



9FF1C7



C4DFFF



FFCBB6

# Complementary

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



9FF1C7



F19FC9

# 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.



FFC6D6



9FF1C7



F3D3FF

# Square

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



9FF1C7



93EAFF



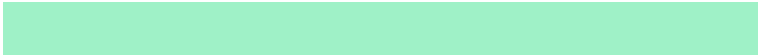
FFC9F8



FFD6A0

# Rectangle

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



9FF1C7



73F2FF



FFC9F8



FFC9BF

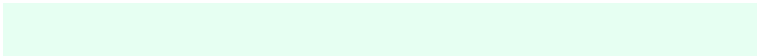


# Sweetspot

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



9FF1C7



E6FFF2



C9F19F



708078



000000



808080

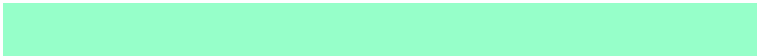


# Same Dimension

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



9FF1C7



96FFC9



9FF1F0



6C7872



00B85A



00381B



# Inverse Universe

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



F19FC9



FF96CC



F19FA0



786C72



B8005E

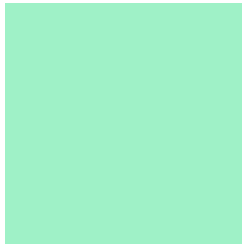


38001D



# Previews

## White Background



This preview shows how the Hex color 9FF1C7 looks on a white background.

## Color Contrast Check

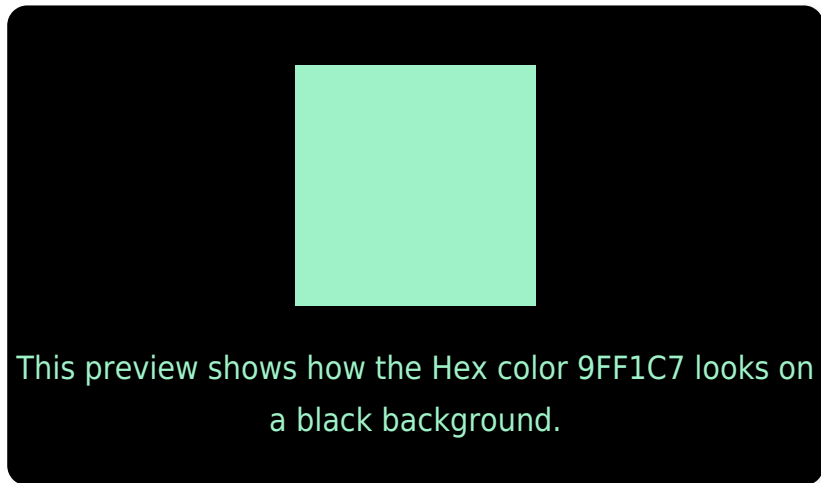
Large Text (above 18pt) WCAG AA × Fail

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

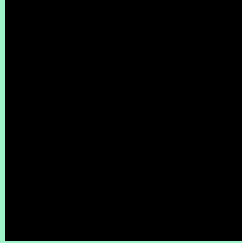
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FF1C7 Background



This preview shows how black text looks on a background with the Hex color 9FF1C7.

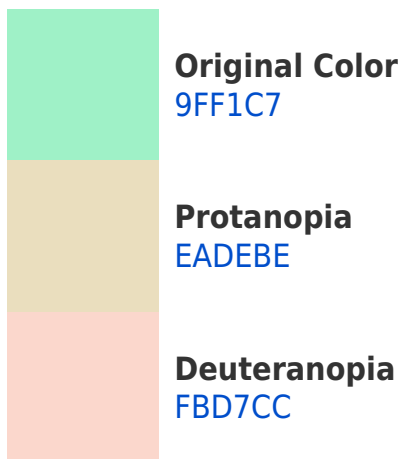


This preview shows how white text looks on a background with the Hex color 9FF1C7.

# 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

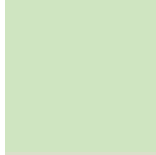




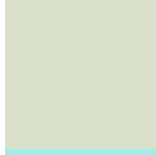
# Trichromacy



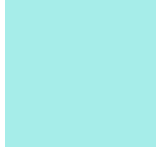
**Original Color**  
9FF1C7



**Protanomaly**  
CFE5C1



**Deuteranomaly**  
DAE0CA



**Tritanomaly**  
A6EDE9

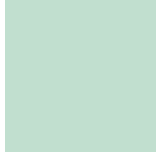
# Monochromacy



**Original Color**  
9FF1C7



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C1DFCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FF1C7 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 #9FF1C7 looks like.

```
.text, #text, p{  
    color:#9FF1C7  
}
```

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 #9FF1C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF1C7
}
```

## Border

The CSS property to change the border of an element to Hex 9FF1C7 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
#9FF1C7 }
```

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

```
.border{ border-color:#9FF1C7 }
```

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

Here you see how a box with a 4 pixel #9FF1C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF1C7; -webkit-box-shadow:4px 4px  
4px 4px #9FF1C7; box-shadow:4px 4px 4px  
4px #9FF1C7 }
```

# Background

The CSS property to change the background color of an element to Hex 9FF1C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF1C7 }
```

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

```
.background{ background-color:#9FF1C7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor