

# Converting Colors

Hex(9FF8C8)

Have a look what the booklet for  
Hex(9FF8C8) contains.

<b>Hex(9FF8C8)</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(9FF8C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FF8C8
RGB	159, 248, 200
RGB Percent	62%, 97%, 78%
CMY	0.3765, 0.0275, 0.2157
CMYK	0.36, 0.00, 0.19, 0.03
HSL	148°, 86%, 80%
HSV	148°, 36%, 97%
XYZ	58.2908, 78.6759, 66.7573
YIQ	215.9170, -37.6360, -33.7960

# Conversions

## Conversions Part 2

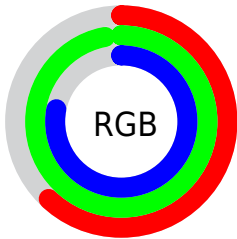
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 220, 248
Decimal	10483912
CIELab	91.09, -36.78, 14.73
CIElCh	91, 39.617, 158.177
Yxy	78.6759, 0.2861, 0.3862
Android (android.graphics.Color)	4288673992 (0xFF9FF8C8)
YUV	215.9170, -7.8471, -49.9162
Hunter-Lab	88.6994, -37.9187, 17.4665

# Details

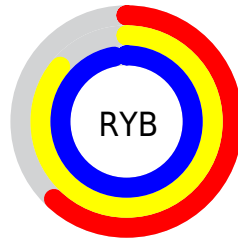
The Hex color **9FF8C8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F89FCF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **D8FFFF**, and **68BF92** is the 20% darker color. If you saturate the color by 10%, you get **86F8BB**, and if you desaturate by 10%, it is **B8F8D5**.

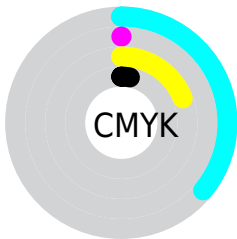
# Distribution



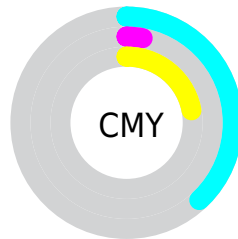
- Red (62%)
- Green (97%)
- Blue (78%)



- Red (62%)
- Yellow (86%)
- Blue (97%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)



- Cyan (38%)
- Magenta (3%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FF8C8 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 9FF8C8 by changing the saturation by 10% instead.



 9FF8C8

FFFFFF

 D8FFFF

 F5FFFF

 9FF8C8


 83DBAD

 68BF92

 4CA478

 30895F

 096F48

 005631

 003E1B

 002803

 000700

 9FF8C8

 9FF8C8

 86F8BB

 B8F8D5

 6DF8AD

 D1F8E3

 55F8A0

 E9F8F0

 3CF892

 FFF8FE

 23F885

 FFF8FF

 0AF878

 00F872

# Harmonies

## Analogous

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



CCF1A9



9FF8C8



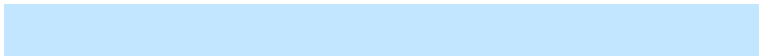
76FAEF

# Triad

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



9FF8C8



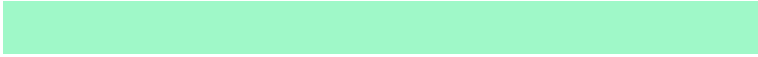
C2E6FF



FFCEB8

# Complementary

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



9FF8C8



F89FCF

# 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.



FFC9DC



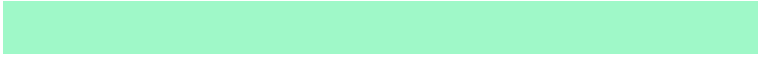
9FF8C8



F8D8FF

# Square

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



9FF8C8



8AF1FF



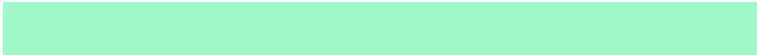
FFCDFF



FFDAA0

# Rectangle

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



9FF8C8



66F9FF



FFCDFD



FFCBC3



# Sweetspot

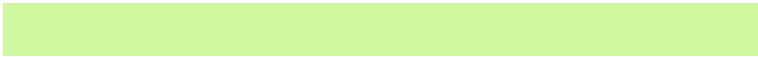
The Sweet Spot groups the original color and five complimentary colors.



9FF8C8



E3FFF0



D0F89F



6F8077



000000



808080



# Same Dimension

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



9FF8C8



91FFC4



9FF8F4



707D76



00BD57



003D1C



# Inverse Universe

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



F89FCF



FF91CC



F89FA3



7D7077



BD0066

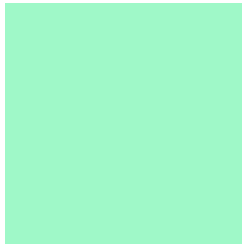


3D0021



# Previews

## White Background



This preview shows how the Hex color 9FF8C8 looks on a white background.

## Color Contrast Check

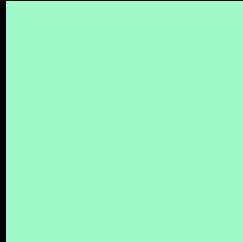
Large Text (above 18pt) WCAG AA × Fail

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 9FF8C8 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 9FF8C8 Background



This preview shows how black text looks on a background with the Hex color 9FF8C8.

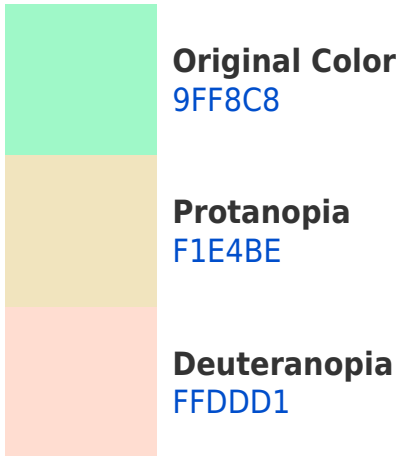


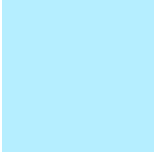
This preview shows how white text looks on a background with the Hex color 9FF8C8.

# 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



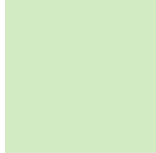


**Tritanopia**  
B5EEFF

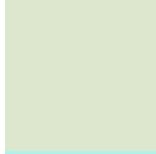
# Trichromacy



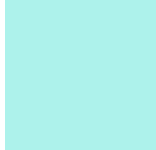
**Original Color**  
9FF8C8



**Protanomaly**  
D3EBC2

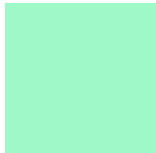


**Deuteranomaly**  
DCE7CE

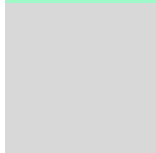


**Tritanomaly**  
ADF2EB

# Monochromacy



**Original Color**  
9FF8C8



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
C3E4D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FF8C8 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 #9FF8C8 looks like.

```
.text, #text, p{  
    color:#9FF8C8  
}
```

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 #9FF8C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF8C8  
}
```

## Border

The CSS property to change the border of an element to Hex 9FF8C8 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  
#9FF8C8 }
```

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

```
.border{ border-color:#9FF8C8 }
```

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

Here you see how a box with a 4 pixel #9FF8C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF8C8; -webkit-box-shadow:4px 4px  
4px 4px #9FF8C8; box-shadow:4px 4px 4px  
4px #9FF8C8 }
```

# Background

The CSS property to change the background color of an element to Hex 9FF8C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF8C8 }
```

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

```
.background{ background-color:#9FF8C8 }
```

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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