

# Converting Colors

Hex(9FF3C5)

Have a look what the booklet for  
Hex(9FF3C5) contains.

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# **Color**

**Hex(9FF3C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FF3C5
RGB	159, 243, 197
RGB Percent	62%, 95%, 77%
CMY	0.3765, 0.0471, 0.2275
CMYK	0.35, 0.00, 0.19, 0.05
HSL	147°, 78%, 79%
HSV	147°, 35%, 95%
XYZ	56.4267, 75.5033, 64.4229
YIQ	212.6400, -35.2980, -32.1140

# Conversions

## Conversions Part 2

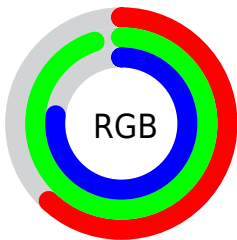
Format	Color
<a href="#">RYB</a>	<a href="#">159, 217, 243</a>
Decimal	<a href="#">10482629</a>
CIELab	<a href="#">89.63, -35.07, 14.22</a>
CIElCh	<a href="#">90, 37.837, 157.933</a>
Yxy	<a href="#">75.5033, 0.2874, 0.3845</a>
Android (android.graphics.Color)	<a href="#">4288672709 (0xFF9FF3C5)</a>
YUV	<a href="#">212.6400, -7.7105, -47.0423</a>
Hunter-Lab	<a href="#">86.8927, -36.1471, 16.8668</a>

# Details

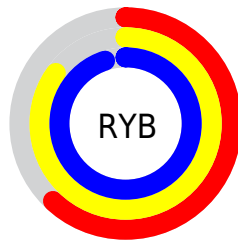
The Hex color **9FF3C5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F39FCD**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D8FFFE**, and **68BA8F** is the 20% darker color. If you saturate the color by 10%, you get **87F3B8**, and if you desaturate by 10%, it is **B7F3D2**.

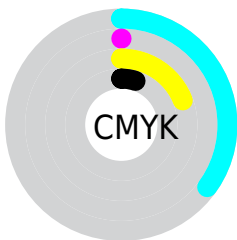
# Distribution



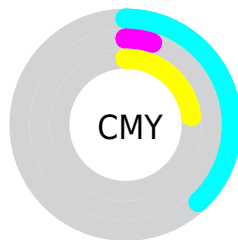
- Red (62%)
- Green (95%)
- Blue (77%)



- Red (62%)
- Yellow (85%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FF3C5 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 9FF3C5 by changing the saturation by 10% instead.



 9FF3C5

FFFFFF

 D8FFFE

 F5FFFF

 9FF3C5

 83D6AA

 68BA8F

 4D9F75

 31855D

 0F6B45

 00522F

 003A19

 002500

 000000

 9FF3C5

 9FF3C5

 87F3B8

 B7F3D2

 6EF3AA

 D0F3E0

 56F39D

 E8F3ED

 3EF390

 FFF3FA

 26F382

 FFF3FF

 0DF375

 00F36E

# Harmonies

## Analogous

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



C9ECA7



9FF3C5



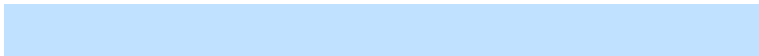
79F5EA

# Triad

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



9FF3C5



C0E1FF



FFCBB7

# Complementary

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



9FF3C5



F39FCD

# 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.



FFC6D9



9FF3C5



F3D5FF

# Square

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



9FF3C5



8BECFF



FFCAFD



FFD69F

# Rectangle

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



9FF3C5



6BF4FF



FFCAFD



FFC9C1

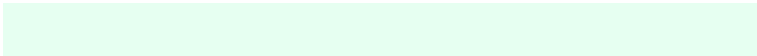


# Sweetspot

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



9FF3C5



E6FFF1



CDF39F



708077



000000

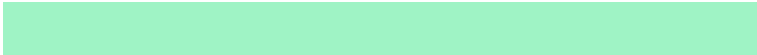


808080

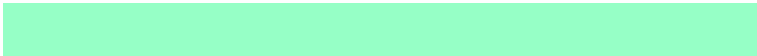


# Same Dimension

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



9FF3C5



96FFC6



9FF3EF



6E7A74



00BA54



003B1B



# Inverse Universe

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



F39FCD



FF96D0



F39FA3



7A6E75



BA0066

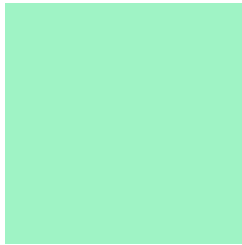


3B0020



# Previews

## White Background



This preview shows how the Hex color 9FF3C5 looks on a white background.

## Color Contrast Check

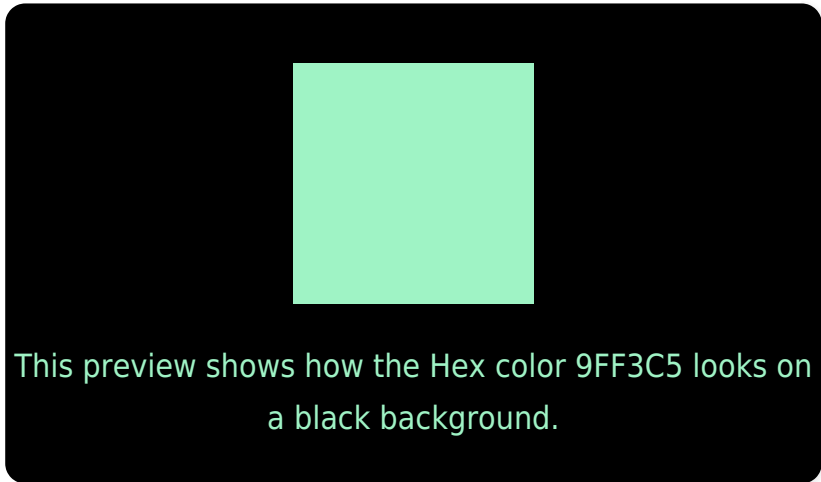
Large Text (above 18pt) WCAG AA × Fail

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

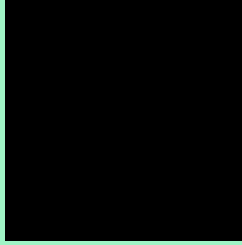
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FF3C5 Background



This preview shows how black text looks on a background with the Hex color 9FF3C5.

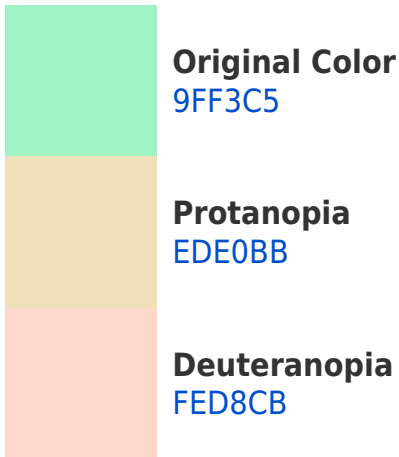


This preview shows how white text looks on a background with the Hex color 9FF3C5.

# 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

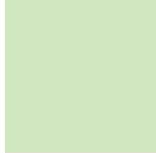




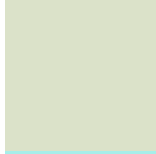
# Trichromacy



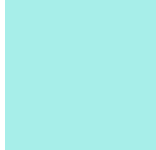
**Original Color**  
9FF3C5



**Protanomaly**  
D1E7BF



**Deuteranomaly**  
DBE2C9

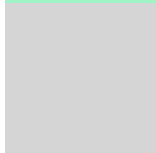


**Tritanomaly**  
A7EEE9

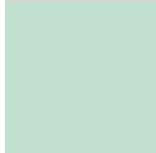
# Monochromacy



**Original Color**  
9FF3C5



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C1E0CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FF3C5 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 #9FF3C5 looks like.

```
.text, #text, p{  
    color:#9FF3C5  
}
```

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 #9FF3C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF3C5
}
```

## Border

The CSS property to change the border of an element to Hex 9FF3C5 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
#9FF3C5 }
```

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

```
.border{ border-color:#9FF3C5 }
```

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

Here you see how a box with a 4 pixel #9FF3C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF3C5; -webkit-box-shadow:4px 4px  
4px 4px #9FF3C5; box-shadow:4px 4px 4px  
4px #9FF3C5 }
```

# Background

The CSS property to change the background color of an element to Hex 9FF3C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF3C5 }
```

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

```
.background{ background-color:#9FF3C5 }
```

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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