

# Converting Colors

Hex(FF9EF4)

Have a look what the booklet for  
Hex(FF9EF4) contains.

<b>Hex(FF9EF4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(FE9E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9EF4
RGB	255, 158, 244
RGB Percent	100%, 62%, 96%
CMY	0.0000, 0.3804, 0.0431
CMYK	0.00, 0.38, 0.04, 0.00
HSL	307°, 100%, 81%
HSV	307°, 38%, 100%
XYZ	69.7960, 52.2454, 91.9937
YIQ	196.8070, 30.2060, 47.3100

# Conversions

## Conversions Part 2

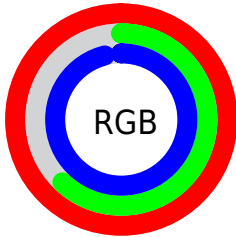
Format	Color
<a href="#">RYB</a>	<a href="#">255, 158, 244</a>
Decimal	<a href="#">16752372</a>
CIELab	<a href="#">77.43, 48.39, -27.99</a>
CIELCh	<a href="#">77, 55.903, 329.953</a>
Yxy	<a href="#">52.2454, 0.3261, 0.2441</a>
Android (android.graphics.Color)	<a href="#">4294942452</a> ( <a href="#">0xFFFF9EF4</a> )
YUV	<a href="#">196.8070, 23.2661, 51.0353</a>
Hunter-Lab	<a href="#">72.2810, 45.8716, -24.8631</a>

# Details

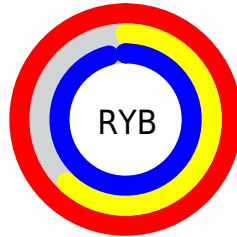
The Hex color **FF9EF4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9EFFA9**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFD6FF**, and **C568BC** is the 20% darker color. If you saturate the color by 10%, you get **FF84F1**, and if you desaturate by 10%, it is **FFB8F7**.

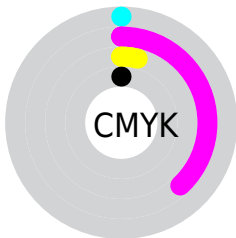
# Distribution



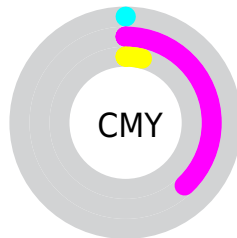
- Red (100%)
- Green (62%)
- Blue (96%)



- Red (100%)
- Yellow (62%)
- Blue (96%)



- Cyan (0%)
- Magenta (38%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9EF4 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 FF9EF4 by changing the saturation by 10% instead.



 FF9EF4

 FF9EF4

FFFFFF

 E283D7

 FFD6FF

 C568BC

 FFF3FF

 A84EA0

 8D3386

 72166C

 570054

 3E003C

 270026

 00010F

 FF9EF4

 FF9EF4

 FF84F1

 FFB8F7

 FF6BEE

 FFD1FA

 FF52EB

 FFEbfd

 FF38E8

FFFFFF

 FF1FE6

 FF05E3

 FF00E2

# Harmonies

## Analogous

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



C2B2FF



FF9EF4



FF93C1

# Triad

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



FF9EF4



DEBC54



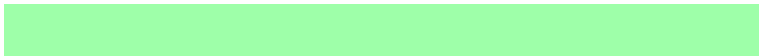
00D9F1

# Complementary

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



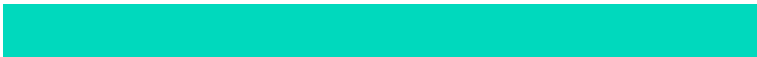
FF9EF4



9EFFA9

# 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.



00D9BD



FF9EF4



A9CB62

# Square

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



FF9EF4



FFAA66



66D589



00D2FF

# Rectangle

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



FF9EF4



FF959F



66D589



00D9E1



# Sweetspot

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



FF9EF4



FFE3FC



A89EFF



806F7E



000000



808080



# Same Dimension

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



FF9EF4



FF8AF2



FF9EC5



80737E



BF00AA



400039



# Inverse Universe

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



FF9EF4



FF8AF2



9EFFD8



80737E



BF00AA

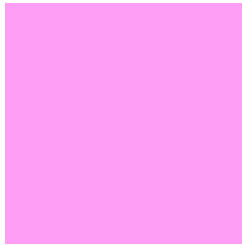


400039



# Previews

## White Background



This preview shows how the Hex color FF9EF4 looks on a white background.

## Color Contrast Check

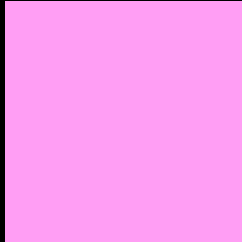
Large Text (above 18pt) WCAG AA × Fail

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 FF9EF4 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 FF9EF4 Background



This preview shows how black text looks on a background with the Hex color FF9EF4.

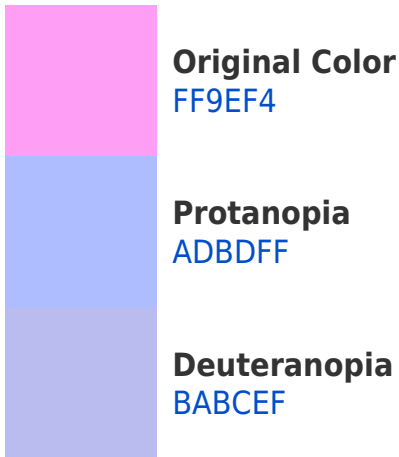


This preview shows how white text looks on a background with the Hex color FF9EF4.

# 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**  
F7AAB7

# Trichromacy



**Original Color**  
FF9EF4



**Protanomaly**  
CBB2FB



**Deuteranomaly**  
D3B1F1

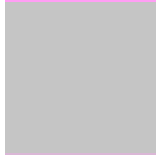


**Tritanomaly**  
FAA6CD

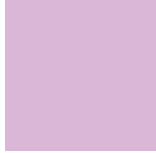
# Monochromacy



**Original Color**  
FF9EF4



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
DAB7D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9EF4 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 #FF9EF4 looks like.

```
.text, #text, p{  
    color:#FF9EF4  
}
```

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 #FF9EF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9EF4
}
```

## Border

The CSS property to change the border of an element to Hex FF9EF4 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
#FF9EF4 }
```

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

```
.border{ border-color:#FF9EF4 }
```

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

Here you see how a box with a 4 pixel #FF9EF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9EF4; -webkit-box-shadow:4px 4px  
4px 4px #FF9EF4; box-shadow:4px 4px 4px  
4px #FF9EF4 }
```

# Background

The CSS property to change the background color of an element to Hex FF9EF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9EF4 }
```

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

```
.background{ background-color:#FF9EF4 }
```

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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