

# Converting Colors

Hex(FE9AFE)

Have a look what the booklet for  
Hex(FE9AFE) contains.

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# Color

**Hex(FE9AFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE9AFE
RGB	254, 154, 254
RGB Percent	100%, 60%, 100%
CMY	0.0039, 0.3961, 0.0039
CMYK	0.00, 0.39, 0.00, 0.00
HSL	300°, 98%, 80%
HSV	300°, 39%, 100%
XYZ	70.3180, 51.3378, 99.9689
YIQ	195.3000, 27.5000, 52.3000

# Conversions

## Conversions Part 2

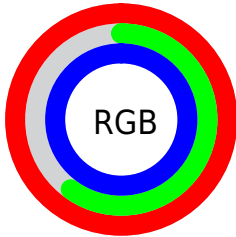
Format	Color
<a href="#">RYB</a>	<a href="#">254, 154, 254</a>
Decimal	<a href="#">16685822</a>
CIELab	<a href="#">76.88, 51.86, -34.24</a>
CIELCh	<a href="#">77, 62.143, 326.562</a>
Yxy	<a href="#">51.3378, 0.3173, 0.2316</a>
Android (android.graphics.Color)	<a href="#">4294875902</a> ( <a href="#">0xFFFE9AFE</a> )
YUV	<a href="#">195.3000, 28.9391, 51.4799</a>
Hunter-Lab	<a href="#">71.6504, 49.7926, -32.5681</a>

# Details

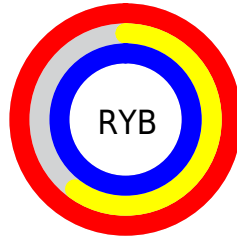
The Hex color **FE9AFE** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9AFE9A**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFD2FF**, and **C464C5** is the 20% darker color. If you saturate the color by 10%, you get **FE81FE**, and if you desaturate by 10%, it is **FEB3FE**.

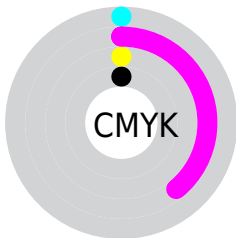
# Distribution



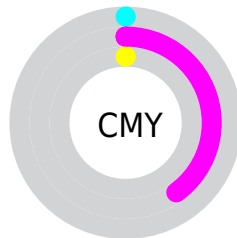
- Red (100%)
- Green (60%)
- Blue (100%)



- Red (100%)
- Yellow (60%)
- Blue (100%)



- Cyan (0%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE9AFE 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 FE9AFE by changing the saturation by 10% instead.



 FE9AFE

FFFFFF

 FFD2FF

 FFEFFF

 FE9AFE

 E17FE1

 C464C5

 A749AA

 8C2E8F

 700E75

 56005C

 3C0044

 25002D

 000117

 FE9AFE

 FE9AFE

 FE81FE

 FEB3FE

 FE67FE

 FECDFE

 FE4EFE

 FEE6FE

 FE34FE

FEFFFE

 FE1BFE

 FE02FE

 FE00FE

# Harmonies

## Analogous

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



B5B1FF



FE9AFE



FF8BC7

# Triad

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



FE9AFE



E4B945



00DAF0

# Complementary

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



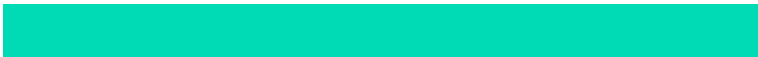
FE9AFE



9AFE9A

# 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.



00DAB5



FE9AFE



ABCA51

# Square

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



FE9AFE



FFA35E



61D57C



00D4FF

# Rectangle

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



FE9AFE



FF8CA0



61D57C



00DADD



# Sweetspot

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



FE9AFE



FFE0FF



9A9AFE



806E80



000000



808080



# Same Dimension

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



FE9AFE



FF87FF



FE9ACC



807380



BF00BF



400040



# Inverse Universe

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



FE9AFE



FF87FF



9AFECC



807380



BF00BF



400040



# Previews

## White Background



This preview shows how the Hex color FE9AFE looks on a white background.

## Color Contrast Check

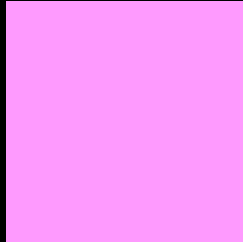
Large Text (above 18pt) WCAG AA × Fail

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 FE9AFE 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 FE9AFE Background



This preview shows how black text looks on a background with the Hex color FE9AFE.



This preview shows how white text looks on a background with the Hex color FE9AFE.

# 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**  
F5A9B6

# Trichromacy



**Original Color**  
FE9AFE



**Protanomaly**  
C9B0FF



**Deuteranomaly**  
CDAFFA



**Tritanomaly**  
F8A4D0

# Monochromacy



**Original Color**  
FE9AFE



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
D8B4D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE9AFE 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 #FE9AFE looks like.

```
.text, #text, p{  
    color:#FE9AFE  
}
```

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 #FE9AFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE9AFE
}
```

## Border

The CSS property to change the border of an element to Hex FE9AFE 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
#FE9AFE }
```

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

```
.border{ border-color:#FE9AFE }
```

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

Here you see how a box with a 4 pixel #FE9AFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE9AFE; -webkit-box-shadow:4px 4px  
4px 4px #FE9AFE; box-shadow:4px 4px 4px  
4px #FE9AFE }
```

# Background

The CSS property to change the background color of an element to Hex FE9AFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE9AFE }
```

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

```
.background{ background-color:#FE9AFE }
```

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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