

# Converting Colors

Hex(9F76FE)

Have a look what the booklet for  
Hex(9F76FE) contains.

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**Color**

**Hex(9F76FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F76FE
RGB	159, 118, 254
RGB Percent	62%, 46%, 100%
CMY	0.3765, 0.5373, 0.0039
CMYK	0.37, 0.54, 0.00, 0.00
HSL	258°, 99%, 73%
HSV	258°, 54%, 100%
XYZ	38.6659, 27.4836, 97.0329
YIQ	145.7630, -19.2200, 50.9880

# Conversions

## Conversions Part 2

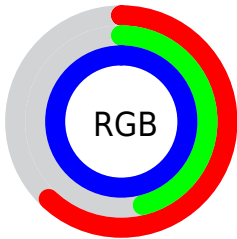
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 118, 254
Decimal	10450686
CIE <sub>Lab</sub>	59.42, 45.40, -62.43
CIE <sub>LCh</sub>	59, 77.192, 306.024
Yxy	27.4836, 0.2369, 0.1684
Android (android.graphics.Color)	4288640766 (0xFF9F76FE)
YUV	145.7630, 53.3608, 11.6088
Hunter-Lab	52.4248, 39.9094, -73.0424

# Details

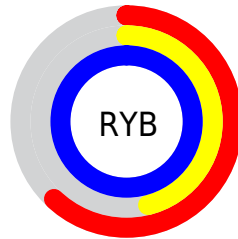
The Hex color **9F76FE** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D5FE76**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **DAABFF**, and **6544C4** is the 20% darker color. If you saturate the color by 10%, you get **8D5DFE**, and if you desaturate by 10%, it is **B18FFE**.

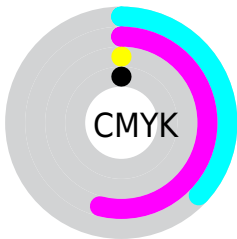
# Distribution



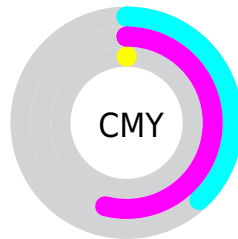
- Red (62%)
- Green (46%)
- Blue (100%)



- Red (62%)
- Yellow (46%)
- Blue (100%)



- Cyan (37%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (54%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F76FE 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 9F76FE by changing the saturation by 10% instead.



 9F76FE

 9F76FE

FFFFFF

 825DE1

 DAABFF

 6544C4

 F8C7FF

 482CA9

 FFE3FF

 27148E

 000073

 00005A

 000741

 00032A

 000114

 9F76FE

 9F76FE

 8D5DFE

 B18FFE

 7C43FE

 C2A9FE

 6A2AFE

 D4C2FE

 5810FE

 E6DCFE

 4D00FE

 F8F5FE

FFFFFFE

# Harmonies

## Analogous

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



0093FF



9F76FE



E951C8

# Triad

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



9F76FE



D77700



00AD9B

# Complementary

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



9F76FE



D5FE76

# 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.



00AA54



9F76FE



A09100

# Square

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



9F76FE



FC5543



57A100



00ACDE

# Rectangle

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



9F76FE



FF409B



57A100



00AC84



# Sweetspot

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



9F76FE



E3D6FF



76D5FE



6F6780



000000



808080



# Same Dimension

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



9F76FE



8D5CFF



E376FE



777380



3A00BF



130040



# Inverse Universe

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



FE76D5



FF5CCE



91FE76



80737C



BF0086

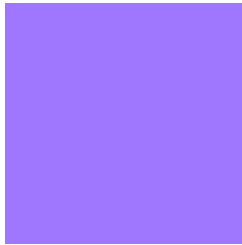


40002D



# Previews

## White Background



This preview shows how the Hex color 9F76FE looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 9F76FE Background



This preview shows how black text looks on a background with the Hex color 9F76FE.

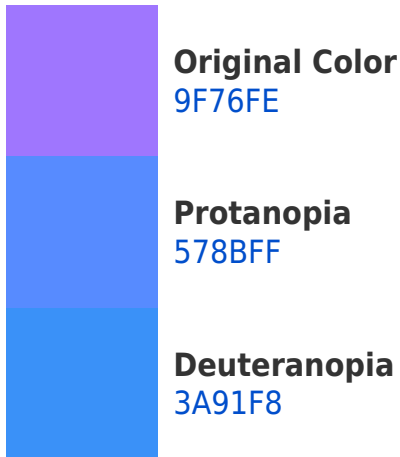


This preview shows how white text looks on a background with the Hex color 9F76FE.

# 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](#).

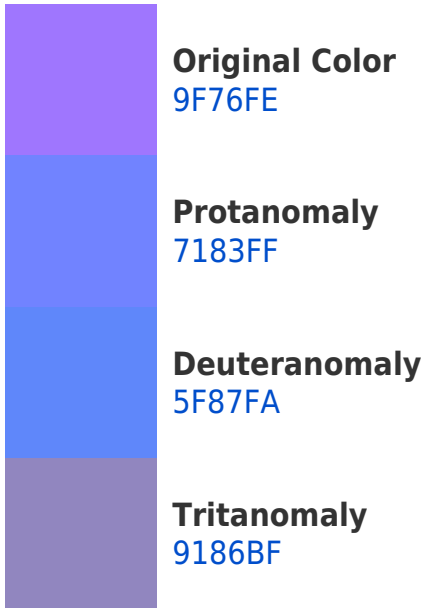
## Dichromacy



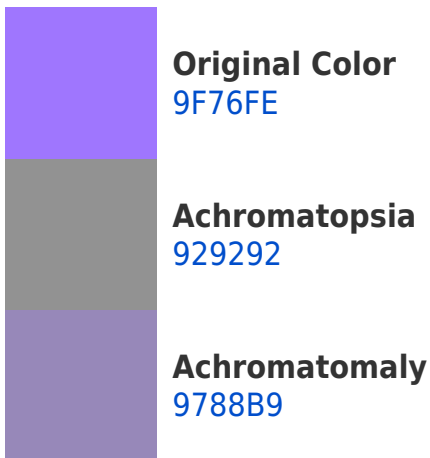


**Tritanopia**  
898F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F76FE 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 #9F76FE looks like.

```
.text, #text, p{  
    color:#9F76FE  
}
```

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 #9F76FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F76FE
}
```

## Border

The CSS property to change the border of an element to Hex 9F76FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

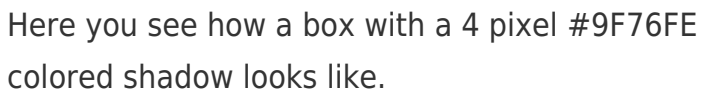
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F76FE }
```

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

```
.border{ border-color:#9F76FE }
```

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



Here you see how a box with a 4 pixel #9F76FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F76FE; -webkit-box-shadow:4px 4px  
4px 4px #9F76FE; box-shadow:4px 4px 4px  
4px #9F76FE }
```

# Background

The CSS property to change the background color of an element to Hex 9F76FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F76FE }
```

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

```
.background{ background-color:#9F76FE }
```

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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