

Converting Colors

Hex(9F78FF)

Have a look what the booklet for
Hex(9F78FF) contains.

| | |
|--|----|
| Hex(9F78FF) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(9F78FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9F78FF |
| RGB | 159, 120, 255 |
| RGB Percent | 62%, 47%, 100% |
| CMY | 0.3765, 0.5294, 0.0000 |
| CMYK | 0.38, 0.53, 0.00, 0.00 |
| HSL | 257°, 100%, 74% |
| HSV | 257°, 53%, 100% |
| XYZ | 39.0645, 28.0239, 97.9580 |
| YIQ | 147.0510, -20.0910, 50.2530 |

Conversions

Conversions Part 2

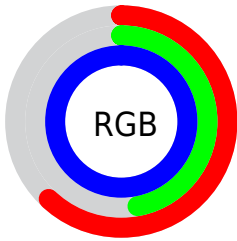
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 159, 120, 255 |
| Decimal | 10451199 |
| CIE Lab | 59.91, 44.55, -62.19 |
| CIE LCh | 60, 76.504, 305.615 |
| Yxy | 28.0239, 0.2367, 0.1698 |
| Android (android.graphics.Color) | 4288641279 (0xFF9F78FF) |
| YUV | 147.0510, 53.2189, 10.4793 |
| Hunter-Lab | 52.9376, 39.0808, -72.6565 |

Details

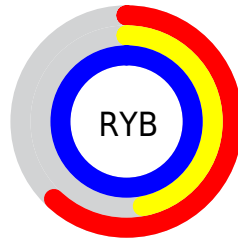
The Hex color **9F78FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D8FF78**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **DAADFF**, and **6546C5** is the 20% darker color. If you saturate the color by 10%, you get **8D5FFF**, and if you desaturate by 10%, it is **B192FF**.

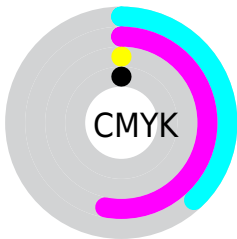
Distribution



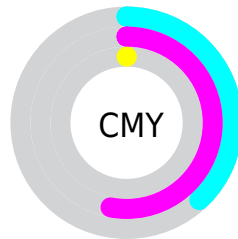
- Red (62%)
- Green (47%)
- Blue (100%)



- Red (62%)
- Yellow (47%)
- Blue (100%)



- Cyan (38%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F78FF 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 9F78FF by changing the saturation by 10% instead.

 9F78FF

 9F78FF

FFFFFF

 825FE2

 DAADFF

 6546C5

 F7C9FF

 482EAA

 FFE5FF

 27168E

 000074

 00005B

 000642

 00032B

 000115

 9F78FF

 9F78FF

 8D5FFF

 B192FF

 7B45FF

 C3ABFF

 692CFF

 D5C4FF

 5612FF

 E8DEFF

 4A00FF

 FAF8FF

FFFFFF

Harmonies

Analogous

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



0095FF



9F78FF



E954C9

Triad

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



9F78FF



D97800



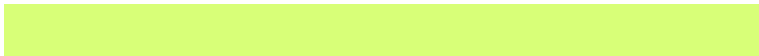
00AE9C

Complementary

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



9F78FF



D8FF78

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.



00AB55



9F78FF



A29200

Square

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



9F78FF



FD5746



5BA200



00ADDE

Rectangle

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



9F78FF



FF439D



5BA200



00AD84

Sweetspot

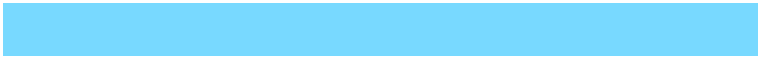
The Sweet Spot groups the original color and five complimentary colors.



9F78FF



E2D6FF



78D9FF



6E6780



000000



808080

Same Dimension

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



9F78FF



8B5CFF



E278FF



767380



3700BF



120040

Inverse Universe

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



FF78D8



FF5CD0



95FF78



80737C



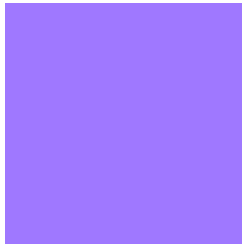
BF0088



40002D

Previews

White Background



This preview shows how the Hex color 9F78FF looks on a white background.

Color Contrast Check

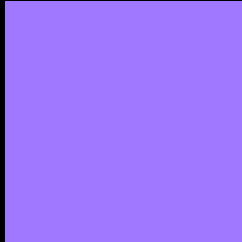
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 9F78FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

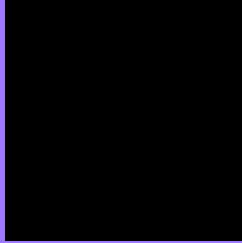
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9F78FF Background



This preview shows how black text looks on a background with the Hex color 9F78FF.

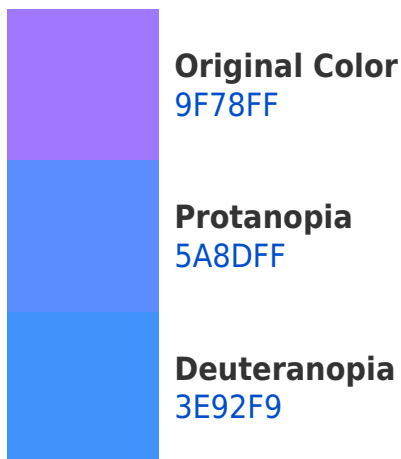


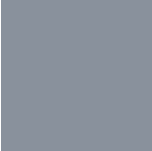
This preview shows how white text looks on a background with the Hex color 9F78FF.

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](#).

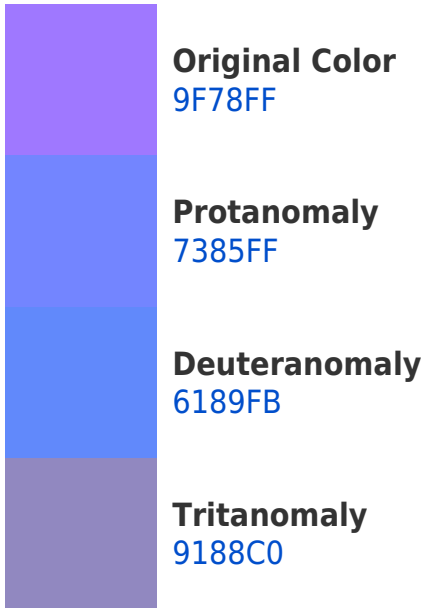
Dichromacy





Tritanopia
89919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F78FF 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 #9F78FF looks like.

```
.text, #text, p{  
    color:#9F78FF  
}
```

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 #9F78FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F78FF
}
```

Border

The CSS property to change the border of an element to Hex 9F78FF 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
#9F78FF }
```

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

```
.border{ border-color:#9F78FF }
```

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

Here you see how a box with a 4 pixel #9F78FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F78FF; -webkit-box-shadow:4px 4px  
4px 4px #9F78FF; box-shadow:4px 4px 4px  
4px #9F78FF }
```

Background

The CSS property to change the background color of an element to Hex 9F78FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F78FF }
```

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

```
.background{ background-color:#9F78FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor