

# Converting Colors

Hex(9E98FF)

Have a look what the booklet for  
Hex(9E98FF) contains.

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# **Color**

**Hex(9E98FF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 9E98FF                      |
| RGB         | 158, 152, 255               |
| RGB Percent | 62%, 60%, 100%              |
| CMY         | 0.3804, 0.4039, 0.0000      |
| CMYK        | 0.38, 0.40, 0.00, 0.00      |
| HSL         | 243°, 100%, 80%             |
| HSV         | 243°, 40%, 100%             |
| XYZ         | 43.3788, 36.9456, 99.4526   |
| YIQ         | 165.5360, -29.4870, 33.3050 |

# Conversions

## Conversions Part 2

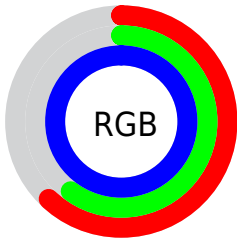
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">158, 152, 255</a>                                |
| Decimal                             | <a href="#">10393855</a>                                     |
| CIELab                              | <a href="#">67.24, 26.18, -50.54</a>                         |
| CIELCh                              | <a href="#">67, 56.920, 297.388</a>                          |
| Yxy                                 | <a href="#">36.9456, 0.2413, 0.2055</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4288583935</a><br>( <a href="#">0xFF9E98FF</a> ) |
| YUV                                 | <a href="#">165.5360, 44.1058, -6.6091</a>                   |
| Hunter-Lab                          | <a href="#">60.7829, 21.0197, -54.4620</a>                   |

# Details

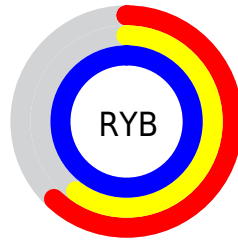
The Hex color **9E98FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F9FF98**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D8CEFF**, and **6665C6** is the 20% darker color. If you saturate the color by 10%, you get **867FFF**, and if you desaturate by 10%, it is **B6B2FF**.

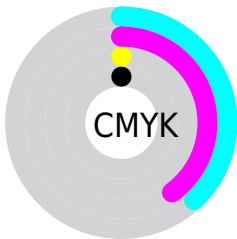
# Distribution



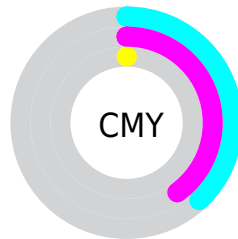
- Red (62%)
- Green (60%)
- Blue (100%)



- Red (62%)
- Yellow (60%)
- Blue (100%)



- Cyan (38%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E98FF 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 9E98FF by changing the saturation by 10% instead.



 9E98FF

 9E98FF

FFFFFF

 827EE2

 D8CEFF

 6665C6

 F5EAFF

 494DAA

 2B368F

 002175

 000E5C

 000044

 00032C

 000117

 9E98FF

 9E98FF

 867FFF

 B6B2FF

 6E65FF

 CECBFF

 564CFF

 E6E5FF

 3E32FF

 FEFEFF

 2618FF

 FFFFFFFF

 0F00FF

# Harmonies

## Analogous

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



00ABFF



9E98FF



DE83DC

# Triad

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



9E98FF



EB8C4E



00BD9D

# Complementary

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



9E98FF



F9FF98

# 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.



4DB86A



9E98FF



C49F37

# Square

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



9E98FF



FF7B77



91AF43



00BCD1

# Rectangle

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



9E98FF



F779BC



91AF43



00BC8C



# Sweetspot

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



9E98FF



E2E0FF



98FAFF



6F6E80



000000



808080



# Same Dimension

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



9E98FF



8C85FF



D198FF



737380



0B00BF



040040



# Inverse Universe

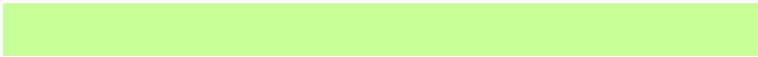
The Inverse Universe completely reimagines the original color for something new.



FF98F9



FF85F8



C6FF98



80737F



BF00B4

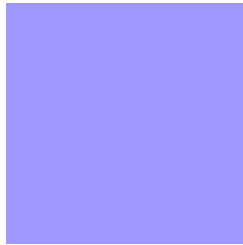


40003C



# Previews

## White Background



This preview shows how the Hex color 9E98FF looks on a white background.

## Color Contrast Check

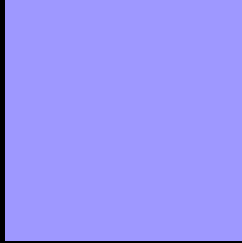
Large Text (above 18pt) WCAG AA × Fail

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 9E98FF 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 9E98FF Background



This preview shows how black text looks on a background with the Hex color 9E98FF.

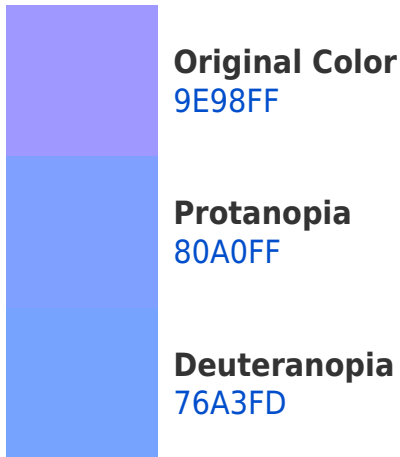


This preview shows how white text looks on a background with the Hex color 9E98FF.

# 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](#).

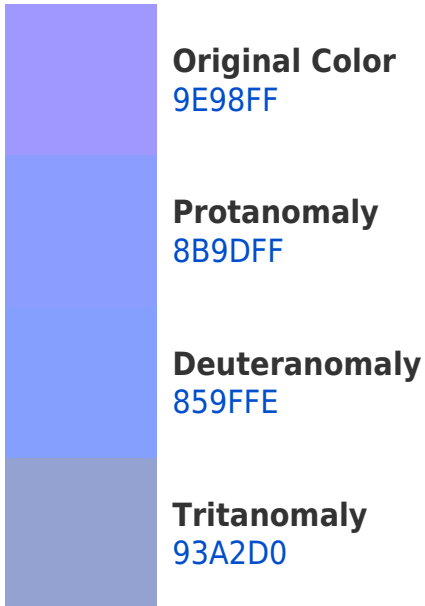
## Dichromacy



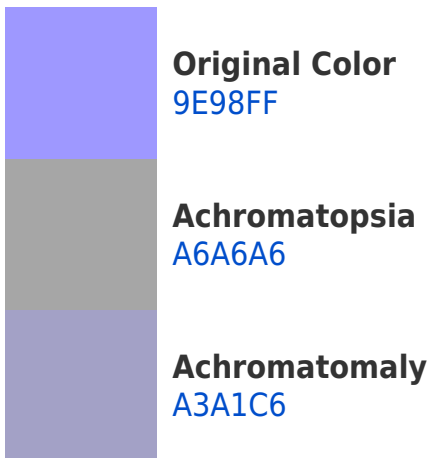


**Tritanopia**  
8DA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E98FF 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 #9E98FF looks like.

```
.text, #text, p{  
    color:#9E98FF  
}
```

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 #9E98FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E98FF  
}
```

## Border

The CSS property to change the border of an element to Hex 9E98FF 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  
#9E98FF }
```

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

```
.border{ border-color:#9E98FF }
```

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

Here you see how a box with a 4 pixel #9E98FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E98FF; -webkit-box-shadow:4px 4px  
4px 4px #9E98FF; box-shadow:4px 4px 4px  
4px #9E98FF }
```

# Background

The CSS property to change the background color of an element to Hex 9E98FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E98FF }
```

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

```
.background{ background-color:#9E98FF }
```

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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