

# Converting Colors

Hex(9E99FF)

Have a look what the booklet for  
Hex(9E99FF) contains.

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# **Color**

**Hex(9E99FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E99FF
RGB	158, 153, 255
RGB Percent	62%, 60%, 100%
CMY	0.3804, 0.4000, 0.0000
CMYK	0.38, 0.40, 0.00, 0.00
HSL	243°, 100%, 80%
HSV	243°, 40%, 100%
XYZ	43.5418, 37.2716, 99.5070
YIQ	166.1230, -29.7620, 32.7820

# Conversions

## Conversions Part 2

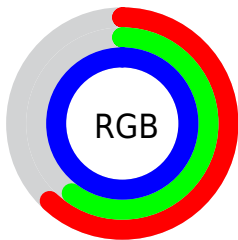
Format	Color
R <sub>Y</sub> B	158, 153, 255
Decimal	10394111
CIE <sub>Lab</sub>	67.48, 25.61, -50.15
CIE <sub>LCh</sub>	67, 56.316, 297.053
Y <sub>xy</sub>	37.2716, 0.2415, 0.2067
Android (android.graphics.Color)	4288584191 (0xFF9E99FF)
YUV	166.1230, 43.8164, -7.1239
Hunter-Lab	61.0504, 20.4697, -53.9023

# Details

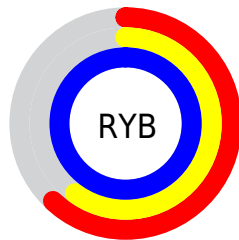
The Hex color **9E99FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FAFF99**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D8CFFF**, and **6666C6** is the 20% darker color. If you saturate the color by 10%, you get **8680FF**, and if you desaturate by 10%, it is **B6B3FF**.

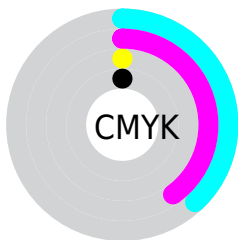
# Distribution



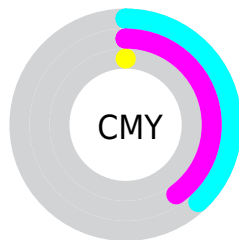
- Red (62%)
- Green (60%)
- Blue (100%)



- 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 9E99FF 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 9E99FF by changing the saturation by 10% instead.



 9E99FF

 9E99FF

FFFFFF

 827FE2

 D8CFFF

 6666C6

 F5ECFF

 4A4EAA

 2B378F

 002275

 000F5C

 000044

 00032C

 000117

 9E99FF

 9E99FF

 8680FF

 B6B3FF

 6D66FF

 CFCCFF

 554DFF

 E7E6FF

 3D33FF

FFFFFF

 2519FF

 0C00FF

# Harmonies

## Analogous

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



0BABFF



9E99FF



DE84DC

# Triad

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



9E99FF



EB8D4F



00BD9D

# Complementary

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



9E99FF



FAFF99

# 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.



50B96B



9E99FF



C5A039

# Square

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



9E99FF



FF7C79



93AF44



00BDD1

# Rectangle

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



9E99FF



F67ABD



93AF44



00BC8C



# Sweetspot

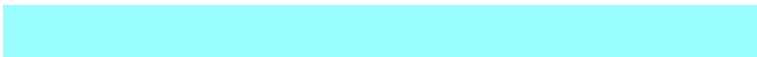
The Sweet Spot groups the original color and five complimentary colors.



9E99FF



E2E0FF



99FCFF



6F6E80



000000



808080



# Same Dimension

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



9E99FF



8B85FF



CF99FF



737380



0900BF



030040



# Inverse Universe

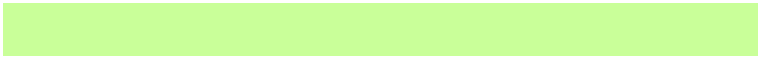
The Inverse Universe completely reimagines the original color for something new.



FF99FA



FF85F9



C9FF99



80737F



BF00B6

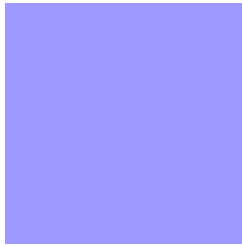


40003D



# Previews

## White Background



This preview shows how the Hex color 9E99FF looks on a white background.

## Color Contrast Check

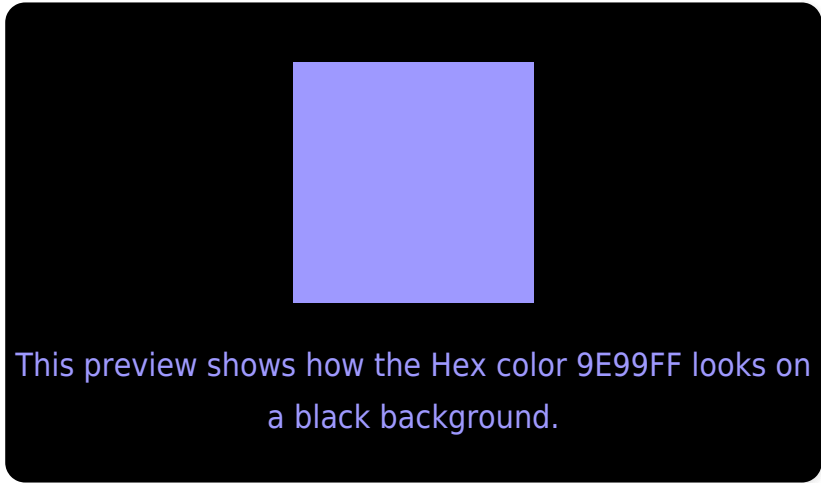
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

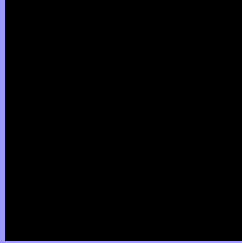
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9E99FF Background



This preview shows how black text looks on a background with the Hex color 9E99FF.

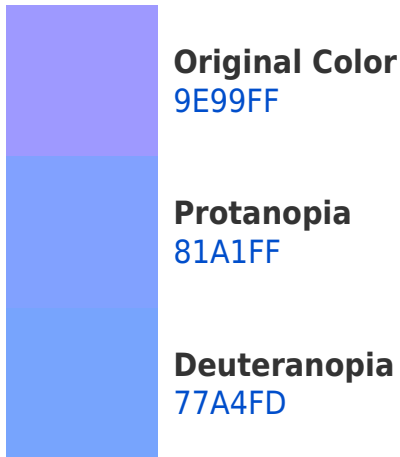


This preview shows how white text looks on a background with the Hex color 9E99FF.

# 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](#).

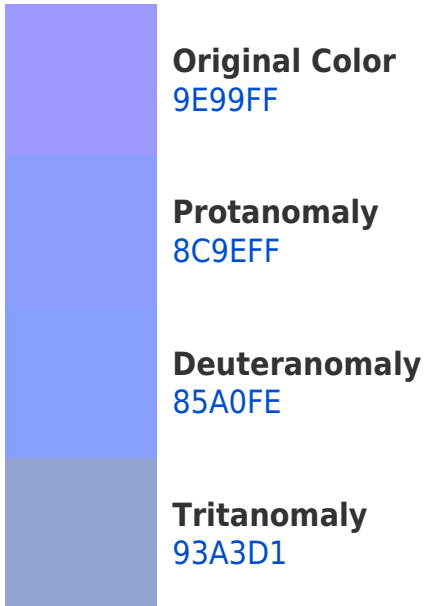
## Dichromacy



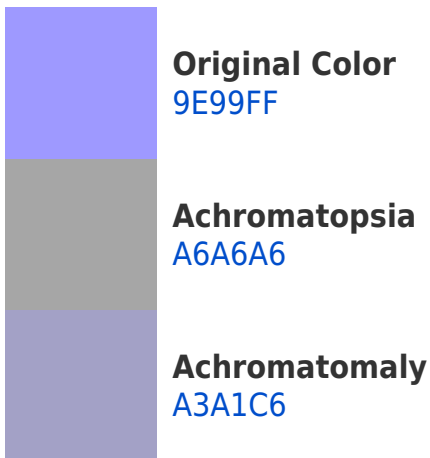


**Tritanopia**  
8DA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E99FF 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 #9E99FF looks like.

```
.text, #text, p{  
    color:#9E99FF  
}
```

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 #9E99FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E99FF
}
```

## Border

The CSS property to change the border of an element to Hex 9E99FF 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
#9E99FF }
```

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

```
.border{ border-color:#9E99FF }
```

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

Here you see how a box with a 4 pixel #9E99FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E99FF; -webkit-box-shadow:4px 4px  
4px 4px #9E99FF; box-shadow:4px 4px 4px  
4px #9E99FF }
```

# Background

The CSS property to change the background color of an element to Hex 9E99FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E99FF }
```

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

```
.background{ background-color:#9E99FF }
```

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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