

# Converting Colors

Hex(9E71FF)

Have a look what the booklet for  
Hex(9E71FF) contains.

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**Color**

**Hex(9E71FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E71FF
RGB	158, 113, 255
RGB Percent	62%, 44%, 100%
CMY	0.3804, 0.5569, 0.0000
CMYK	0.38, 0.56, 0.00, 0.00
HSL	259°, 100%, 72%
HSV	259°, 56%, 100%
XYZ	38.0557, 26.2994, 97.6783
YIQ	142.6430, -18.7620, 53.7020

# Conversions

## Conversions Part 2

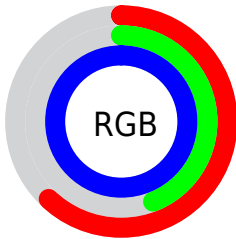
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 113, 255</a>
Decimal	<a href="#">10383871</a>
CIELab	<a href="#">58.32, 48.18, -64.75</a>
CIELCh	<a href="#">58, 80.708, 306.650</a>
Yxy	<a href="#">26.2994, 0.2349, 0.1623</a>
Android (android.graphics.Color)	<a href="#">4288573951 (0xFF9E71FF)</a>
YUV	<a href="#">142.6430, 55.3920, 13.4681</a>
Hunter-Lab	<a href="#">51.2829, 42.7150, -77.0313</a>

# Details

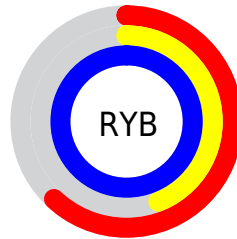
The Hex color **9E71FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D2FF71**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D9A6FF**, and **643FC5** is the 20% darker color. If you saturate the color by 10%, you get **8D58FF**, and if you desaturate by 10%, it is **AF8BFF**.

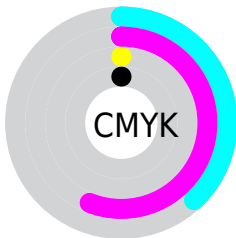
# Distribution



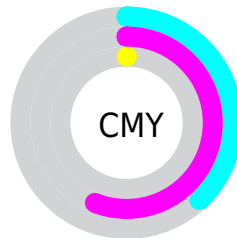
- Red (62%)
- Green (44%)
- Blue (100%)



- Red (62%)
- Yellow (44%)
- Blue (100%)



- Cyan (38%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (56%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E71FF 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 9E71FF by changing the saturation by 10% instead.



 9E71FF

 9E71FF

FFFFFF

 8158E2

 D9A6FF

 643FC5

 F7C2FF

 4626A9

 FFDEFF

 230C8E

 FFFBFF

 000074

 00005B

 000742

 00032B

 000115

 9E71FF

 9E71FF

 8D58FF

 AF8BFF

 7B3EFF

 C1A4FF

 6A24FF

 D2BEFF

 580BFF

 E4D7FF

 5100FF

 F5F1FF

FFFFFF

# Harmonies

## Analogous

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



0090FF



9E71FF



EB48C6

# Triad

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



9E71FF



D57300



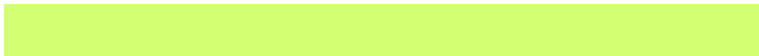
00AB9B

# Complementary

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



9E71FF



D2FF71

# 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.



00A750



9E71FF



9B8E00

# Square

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



9E71FF



FB4E3B



4E9F00



00AAE0

# Rectangle

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



9E71FF



FF3297



4E9F00



00AA82



# Sweetspot

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



9E71FF



E1D4FF



71D2FF



6E6680



000000



808080



# Same Dimension

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



9E71FF



8A54FF



E571FF



777380



3D00BF



140040



# Inverse Universe

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



FF71D2



FF54C9



8BFF71



80737B



BF0083

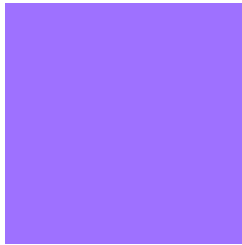


40002C



# Previews

## White Background



This preview shows how the Hex color 9E71FF 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

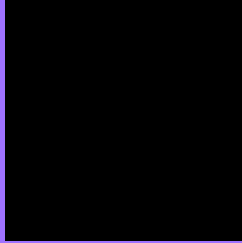
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E71FF Background



This preview shows how black text looks on a background with the Hex color 9E71FF.

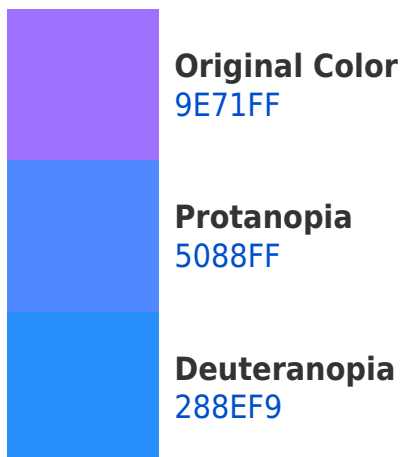


This preview shows how white text looks on a background with the Hex color 9E71FF.

# 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**  
878C97

# Trichromacy



**Original Color**  
9E71FF



**Protanomaly**  
6C80FF



**Deuteranomaly**  
5383FB



**Tritanomaly**  
8F82BD

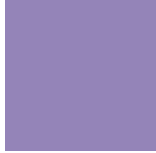
# Monochromacy



**Original Color**  
9E71FF



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
9484B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E71FF 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 #9E71FF looks like.

```
.text, #text, p{  
    color:#9E71FF  
}
```

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 #9E71FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E71FF
}
```

## Border

The CSS property to change the border of an element to Hex 9E71FF 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".

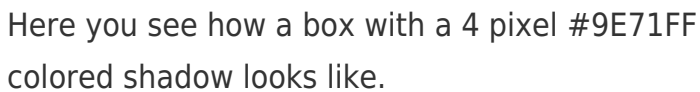
```
.border, #border, table{ border:4px solid
#9E71FF }
```

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

```
.border{ border-color:#9E71FF }
```

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

Here you see how a box with a 4 pixel #9E71FF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E71FF; -webkit-box-shadow:4px 4px  
4px 4px #9E71FF; box-shadow:4px 4px 4px  
4px #9E71FF }
```

# Background

The CSS property to change the background color of an element to Hex 9E71FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E71FF }
```

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

```
.background{ background-color:#9E71FF }
```

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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