

Converting Colors

Hex(9E68FC)

Have a look what the booklet for
Hex(9E68FC) contains.

Hex(9E68FC)	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(9E68FC)

Conversions

Conversions Part 1

Format	Color
Hex	9E68FC
RGB	158, 104, 252
RGB Percent	62%, 41%, 99%
CMY	0.3804, 0.5922, 0.0118
CMYK	0.37, 0.59, 0.00, 0.01
HSL	262°, 96%, 70%
HSV	262°, 59%, 99%
XYZ	36.6216, 24.1980, 94.8360
YIQ	137.0180, -15.3240, 57.4760

Conversions

Conversions Part 2

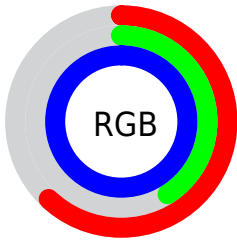
Format	Color
R _Y B	158, 104, 252
Decimal	10381564
CIE Lab	56.29, 52.26, -66.37
CIE LCh	56, 84.474, 308.216
Yxy	24.1980, 0.2353, 0.1555
Android (android.graphics.Color)	4288571644 (0xFF9E68FC)
YUV	137.0180, 56.6861, 18.4012
Hunter-Lab	49.1915, 46.8028, -79.8709

Details

The Hex color **9E68FC** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **C6FC68**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D99DFF**, and **6435C2** is the 20% darker color. If you saturate the color by 10%, you get **8E4FFC**, and if you desaturate by 10%, it is **AE81FC**.

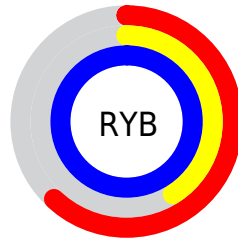
Distribution



Red (62%)

Green (41%)

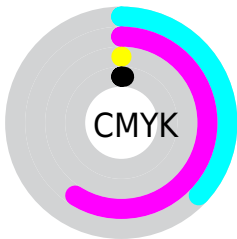
Blue (99%)



Red (62%)

Yellow (41%)

Blue (99%)

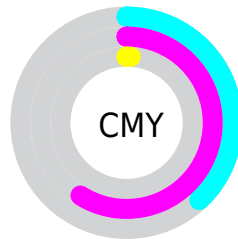


Cyan (37%)

Magenta (59%)

Yellow (0%)

Black (1%)



Cyan (38%)

Magenta (59%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9E68FC 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 9E68FC by changing the saturation by 10% instead.

 9E68FC

 9E68FC

FFFFFF

 814EDF

 D99DFF

 6435C2

 F7B9FF

 451BA7

 FFD5FF

 22008B

 FFF2FF

 000071

 000058

 00063F

 000328

 000112

 9E68FC

 9E68FC

 8E4FFC

 AE81FC

 7E36FC

 BE9AFC

 6E1CFC

 CEB4FC

 5E03FC

 DECDFC

 5C00FC

 EEE6FC

FEFFFC

FFFFFC

Harmonies

Analogous

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



008AFF



9E68FC



EB37BF

Triad

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



9E68FC



CE6E00



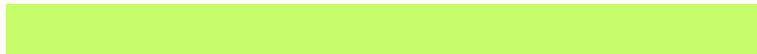
00A69A

Complementary

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



9E68FC



C6FC68

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.



00A34C



9E68FC



928B00

Square

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



9E68FC



F7442F



3B9B00



00A5E1

Rectangle

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



9E68FC



FF168F



3B9B00



00A580

Sweetspot

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



9E68FC



E2D1FF



68C8FC



6E6380



000000



808080

Same Dimension

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



9E68FC



8E4DFF



E668FC



75707D



4500BD



16003D

Inverse Universe

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



FC68C6



FF4DBE



7EFC68



7D7078



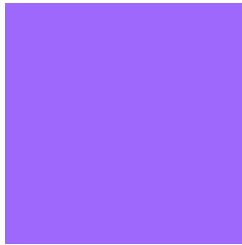
BD0078



3D0027

Previews

White Background



This preview shows how the Hex color 9E68FC 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

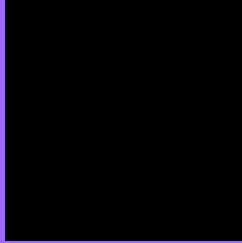
Any Text WCAG AA ✓ Pass

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 9E68FC Background



This preview shows how black text looks on a background with the Hex color 9E68FC.



This preview shows how white text looks on a background with the Hex color 9E68FC.

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
878690

Trichromacy



Original Color
9E68FC



Protanomaly
6379FE



Deuteranomaly
397DF6



Tritanomaly
8F7BB7

Monochromacy



Original Color
9E68FC



Achromatopsia
898989



Achromatomaly
917DB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E68FC 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 #9E68FC looks like.

```
.text, #text, p{  
    color:#9E68FC  
}
```

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 #9E68FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E68FC
}
```

Border

The CSS property to change the border of an element to Hex 9E68FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

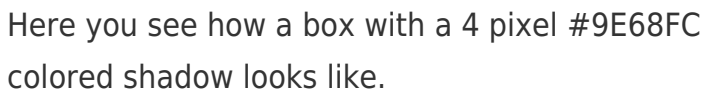
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E68FC }
```

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

```
.border{ border-color:#9E68FC }
```

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



Here you see how a box with a 4 pixel #9E68FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E68FC; -webkit-box-shadow:4px 4px  
4px 4px #9E68FC; box-shadow:4px 4px 4px  
4px #9E68FC }
```

Background

The CSS property to change the background color of an element to Hex 9E68FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E68FC }
```

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

```
.background{ background-color:#9E68FC }
```

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