

# Converting Colors

Hex(9E84FF)

Have a look what the booklet for  
Hex(9E84FF) contains.

<b>Hex(9E84FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9E84FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	9E84FF
RGB	158, 132, 255
RGB Percent	62%, 52%, 100%
CMY	0.3804, 0.4824, 0.0000
CMYK	0.38, 0.48, 0.00, 0.00
HSL	253°, 100%, 76%
HSV	253°, 48%, 100%
XYZ	40.4018, 30.9916, 98.4603
YIQ	153.7960, -23.9870, 43.7650

# Conversions

## Conversions Part 2

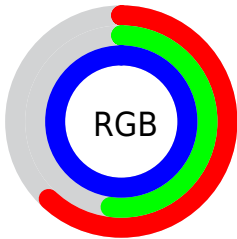
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 132, 255
Decimal	10388735
CIE <sub>Lab</sub>	62.50, 37.58, -58.06
CIE <sub>LCh</sub>	63, 69.159, 302.915
Yxy	30.9916, 0.2379, 0.1825
Android (android.graphics.Color)	4288578815 (0xFF9E84FF)
YUV	153.7960, 49.8936, 3.6869
Hunter-Lab	55.6701, 32.1212, -65.8935

# Details

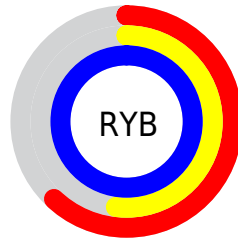
The Hex color **9E84FF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E5FF84**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D8BAFF**, and **6552C6** is the 20% darker color. If you saturate the color by 10%, you get **8A6BFF**, and if you desaturate by 10%, it is **B29EFF**.

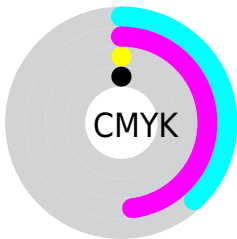
# Distribution



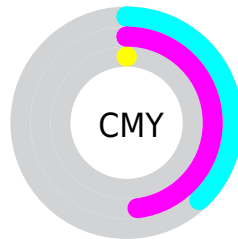
- Red (62%)
- Green (52%)
- Blue (100%)



- Red (62%)
- Yellow (52%)
- Blue (100%)



- Cyan (38%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (48%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E84FF 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 9E84FF by changing the saturation by 10% instead.



 9E84FF

 9E84FF

FFFFFF

 816AE2

 D8BAFF

 6552C6

 F6D5FF

 483AAA

 FFF2FF

 28248F

 000E74

 00005B

 000343

 00032B

 000116

 9E84FF

 9E84FF

 8A6BFF

 B29EFF

 7651FF

 C6B7FF

 6238FF

 DAD1FF

 4E1EFF

 EEEAFF

 3905FF

FFFFFF

 3600FF

# Harmonies

## Analogous

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



009DFF



9E84FF



E567D0

# Triad

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



9E84FF



E07F22



00B39C

# Complementary

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



9E84FF



E5FF84

# 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.



00B05C



9E84FF



AF9600

# Square

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



9E84FF



FE6458



70A620



00B3D8

# Rectangle

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



9E84FF



FD5AA8



70A620



00B386



# Sweetspot

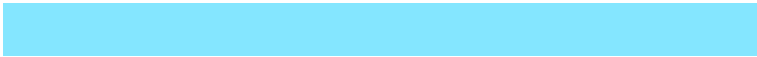
The Sweet Spot groups the original color and five complimentary colors.



9E84FF



E3DBFF



84E6FF



6E6A80



000000



808080



# Same Dimension

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



9E84FF



8A6BFF



DA84FF



757380



2800BF



0D0040



# Inverse Universe

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



FF84E5



FF6BE0



A9FF84



80737D



BF0097

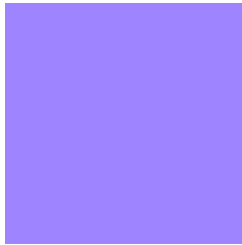


400032



# Previews

## White Background



This preview shows how the Hex color 9E84FF looks on a white background.

## Color Contrast Check

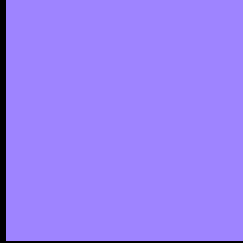
Large Text (above 18pt) WCAG AA × Fail

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 9E84FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

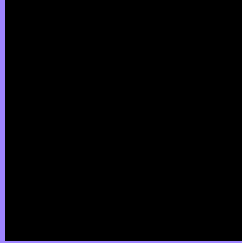
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9E84FF Background



This preview shows how black text looks on a background with the Hex color 9E84FF.



This preview shows how white text looks on a background with the Hex color 9E84FF.

# 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**  
8A99A5

# Trichromacy



**Original Color**  
9E84FF

**Protanomaly**  
7C8EFF

**Deuteranomaly**  
7091FC

**Tritanomaly**  
9191C6

# Monochromacy



**Original Color**  
9E84FF

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
9B92BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E84FF 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 #9E84FF looks like.

```
.text, #text, p{  
    color:#9E84FF  
}
```

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 #9E84FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E84FF
}
```

## Border

The CSS property to change the border of an element to Hex 9E84FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

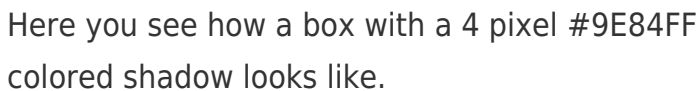
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E84FF }
```

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

```
.border{ border-color:#9E84FF }
```

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



Here you see how a box with a 4 pixel #9E84FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E84FF; -webkit-box-shadow:4px 4px  
4px 4px #9E84FF; box-shadow:4px 4px 4px  
4px #9E84FF }
```

# Background

The CSS property to change the background color of an element to Hex 9E84FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E84FF }
```

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

```
.background{ background-color:#9E84FF }
```

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