

# Converting Colors

Hex(9CA7FC)

Have a look what the booklet for  
Hex(9CA7FC) contains.

<b>Hex(9CA7FC)</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(9CA7FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CA7FC
RGB	156, 167, 252
RGB Percent	61%, 65%, 99%
CMY	0.3882, 0.3451, 0.0118
CMYK	0.38, 0.34, 0.00, 0.01
HSL	233°, 94%, 80%
HSV	233°, 38%, 99%
XYZ	45.0997, 41.7336, 97.7738
YIQ	173.4010, -33.8410, 24.1030

# Conversions

## Conversions Part 2

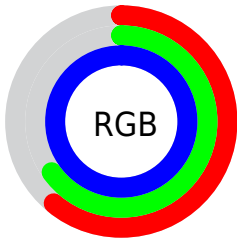
Format	Color
R <sub>YB</sub>	156, 166, 252
Decimal	10266620
CIE Lab	70.69, 16.34, -43.49
CIE LCh	71, 46.459, 290.585
Yxy	41.7336, 0.2443, 0.2261
Android (android.graphics.Color)	4288456700 (0xFF9CA7FC)
YUV	173.4010, 38.7493, -15.2607
Hunter-Lab	64.6016, 11.5618, -44.5137

# Details

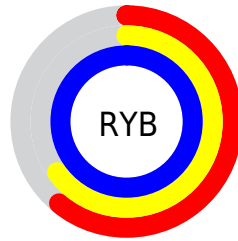
The Hex color **9CA7FC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FCF19C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **D5DEFF**, and **6473C3** is the 20% darker color. If you saturate the color by 10%, you get **8391FC**, and if you desaturate by 10%, it is **B5BDFC**.

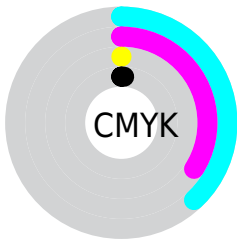
# Distribution



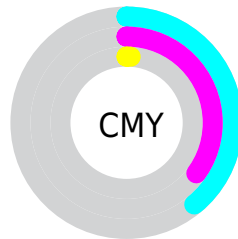
- Red (61%)
- Green (65%)
- Blue (99%)



- Red (61%)
- Yellow (65%)
- Blue (99%)



- Cyan (38%)
- Magenta (34%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (35%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CA7FC 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 9CA7FC by changing the saturation by 10% instead.



 9CA7FC

 9CA7FC

FFFFFF

 808DDF

 D5DEFF

 6473C3

 F2FBFF

 495BA7

 2B448D

 002E73

 001A5A

 000042

 00032B

 000115

 9CA7FC

 9CA7FC

 8391FC

 B5BDFC

 6A7AFC

 CED4FC

 5064FC

 E8EAFC

 374EFC

FFFFFFC

 1E37FC

 0521FC

 001DFC

# Harmonies

## Analogous

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



46B5FF



9CA7FC



D597E3

# Triad

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



9CA7FC



F0976D



33C29E

# Complementary

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



9CA7FC



FCF19C

# 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.



79BD76



9CA7FC



D3A658

# Square

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



9CA7FC



FE8C91



AAB35B



00C3C9

# Rectangle

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



9CA7FC



ED8ECA



AAB35B



50C18F



# Sweetspot

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



9CA7FC



E3E6FF



9CFCF1



6F7180



000000



808080



# Same Dimension

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



9CA7FC



8A97FF



C19CFC



70727D



0016BD



00073D



# Inverse Universe

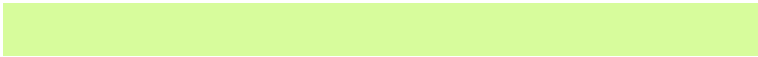
The Inverse Universe completely reimagines the original color for something new.



FC9CA7



FF8A97



D7FC9C



7D7072



BD0016

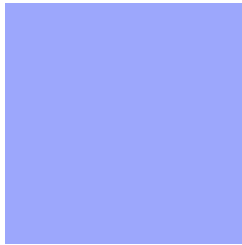


3D0007



# Previews

## White Background



This preview shows how the Hex color 9CA7FC looks on a white background.

## Color Contrast Check

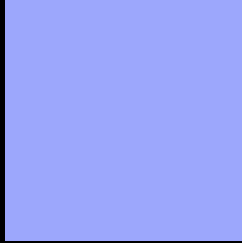
Large Text (above 18pt) WCAG AA × Fail

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 9CA7FC 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 9CA7FC Background



This preview shows how black text looks on a background with the Hex color 9CA7FC.



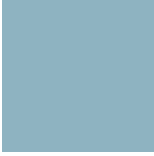
This preview shows how white text looks on a background with the Hex color 9CA7FC.

# 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](#).

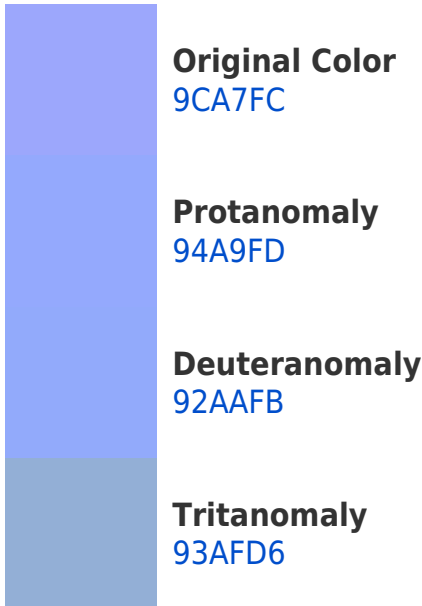
## Dichromacy



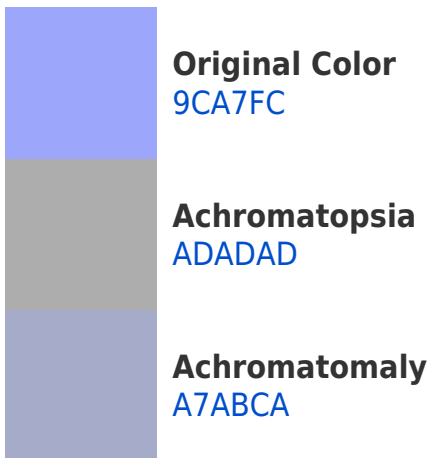


**Tritanopia**  
8EB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CA7FC 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 #9CA7FC looks like.

```
.text, #text, p{  
    color:#9CA7FC  
}
```

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 #9CA7FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA7FC  
}
```

## Border

The CSS property to change the border of an element to Hex 9CA7FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

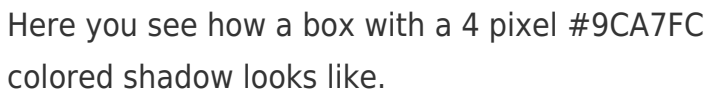
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9CA7FC }
```

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

```
.border{ border-color:#9CA7FC }
```

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



Here you see how a box with a 4 pixel #9CA7FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA7FC; -webkit-box-shadow:4px 4px  
4px 4px #9CA7FC; box-shadow:4px 4px 4px  
4px #9CA7FC }
```

# Background

The CSS property to change the background color of an element to Hex 9CA7FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA7FC }
```

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

```
.background{ background-color:#9CA7FC }
```

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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