

# Converting Colors

Hex(9CB1FC)

Have a look what the booklet for  
Hex(9CB1FC) contains.

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# **Color**

**Hex(9CB1FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CB1FC
RGB	156, 177, 252
RGB Percent	61%, 69%, 99%
CMY	0.3882, 0.3059, 0.0118
CMYK	0.38, 0.30, 0.00, 0.01
HSL	227°, 94%, 80%
HSV	227°, 38%, 99%
XYZ	47.0031, 45.5405, 98.4083
YIQ	179.2710, -36.5910, 18.8730

# Conversions

## Conversions Part 2

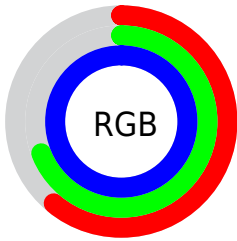
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">156, 173, 252</a>
Decimal	<a href="#">10269180</a>
CIELab	<a href="#">73.25, 10.71, -39.50</a>
CIELCh	<a href="#">73, 40.923, 285.177</a>
Yxy	<a href="#">45.5405, 0.2462, 0.2385</a>
Android (android.graphics.Color)	<a href="#">4288459260 (0xFF9CB1FC)</a>
YUV	<a href="#">179.2710, 35.8554, -20.4087</a>
Hunter-Lab	<a href="#">67.4837, 6.2308, -39.2213</a>

# Details

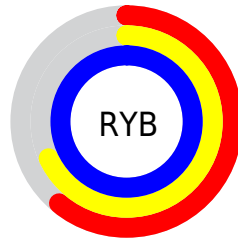
The Hex color **9CB1FC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **FCE79C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D5E8FF**, and **657DC3** is the 20% darker color. If you saturate the color by 10%, you get **839DFC**, and if you desaturate by 10%, it is **B5C5FC**.

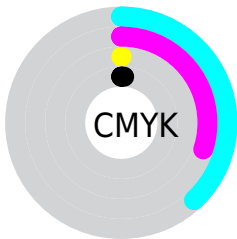
# Distribution



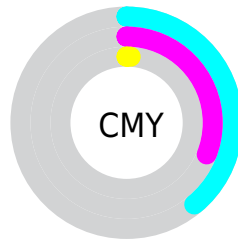
- Red (61%)
- Green (69%)
- Blue (99%)



- Red (61%)
- Yellow (68%)
- Blue (99%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (31%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CB1FC 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 9CB1FC by changing the saturation by 10% instead.



 9CB1FC

 9CB1FC

FFFFFF

 8096DF

 D5E8FF

 657DC3

 F2FFFF

 4964A8

 2C4C8D

 013673

 00215A

 000A42

 00032B

 000116

 9CB1FC

 9CB1FC

 839DFC

 B5C5FC

 6A8AFC

 CED8FC

 5076FC

 E8ECFC

 3762FC

FFFFFFC

 1E4FFC

 053BFC

 0037FC

# Harmonies

## Analogous

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



59BDFC



9CB1FC



D0A3E9

# Triad

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



9CB1FC



F59E80



5EC79F

# Complementary

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



9CB1FC



FCE79C

# 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.



8FC17E



9CB1FC



DCAB6B

# Square

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



9CB1FC



FD97A2



B9B86A



1BC8C6

# Rectangle

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



9CB1FC



E89BD4



B9B86A



70C593



# Sweetspot

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



9CB1FC



E3E9FF



9CFCE6



6F7380



000000



808080



# Same Dimension

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



9CB1FC



8AA3FF



B69CFC



70737D



0029BD



000D3D



# Inverse Universe

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



FC9CB1



FF8AA3



E2FC9C



7D7073



BD0029

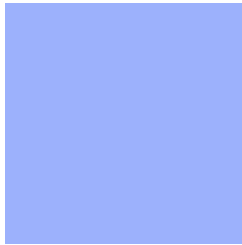


3D000D



# Previews

## White Background



This preview shows how the Hex color 9CB1FC looks on a white background.

## Color Contrast Check

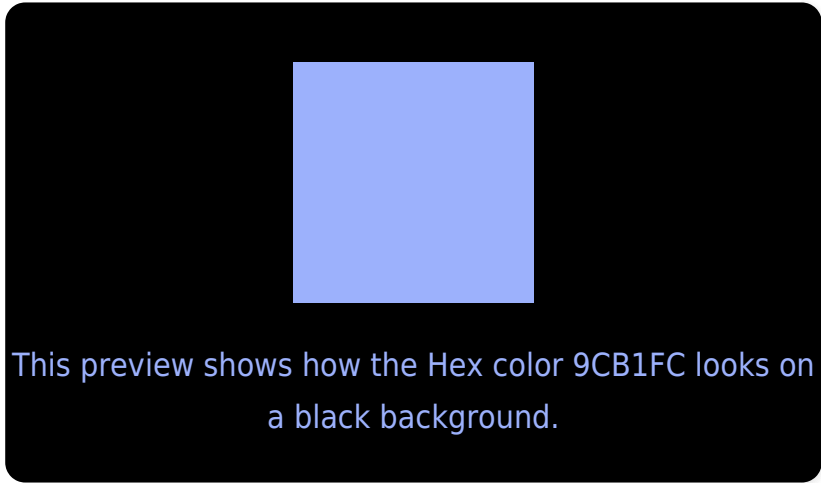
Large Text (above 18pt) WCAG AA × Fail

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

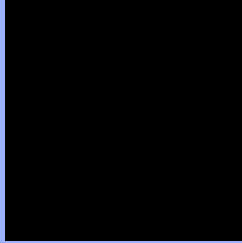
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CB1FC Background



This preview shows how black text looks on a background with the Hex color 9CB1FC.



This preview shows how white text looks on a background with the Hex color 9CB1FC.

# 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



**Original Color**  
9CB1FC

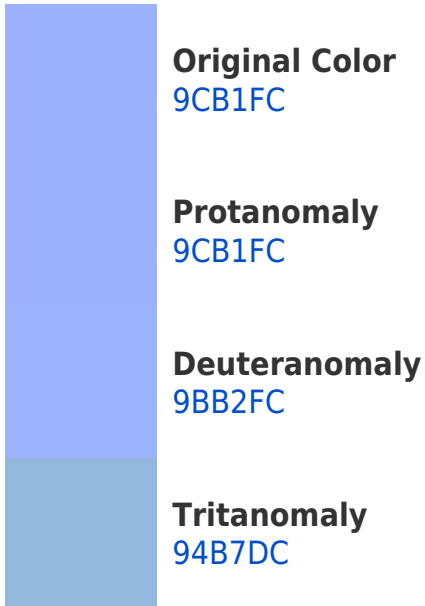
**Protanopia**  
9CB1FC

**Deuteranopia**  
9AB2FC

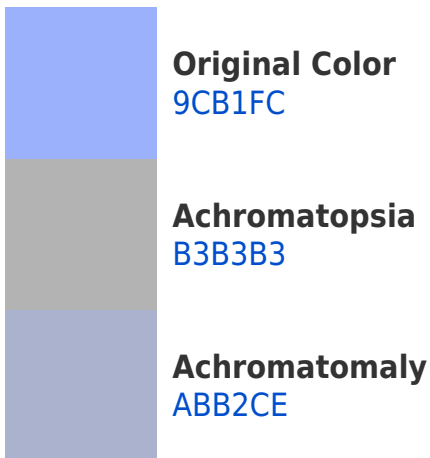


**Tritanopia**  
90BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CB1FC 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 #9CB1FC looks like.

```
.text, #text, p{  
    color:#9CB1FC  
}
```

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 #9CB1FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB1FC  
}
```

## Border

The CSS property to change the border of an element to Hex 9CB1FC 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  
#9CB1FC }
```

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

```
.border{ border-color:#9CB1FC }
```

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

Here you see how a box with a 4 pixel #9CB1FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB1FC; -webkit-box-shadow:4px 4px  
4px 4px #9CB1FC; box-shadow:4px 4px 4px  
4px #9CB1FC }
```

# Background

The CSS property to change the background color of an element to Hex 9CB1FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB1FC }
```

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

```
.background{ background-color:#9CB1FC }
```

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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