

# Converting Colors

Hex(9CB2FF)

Have a look what the booklet for  
Hex(9CB2FF) contains.

<b>Hex(9CB2FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9CB2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CB2FF
RGB	156, 178, 255
RGB Percent	61%, 70%, 100%
CMY	0.3882, 0.3020, 0.0000
CMYK	0.39, 0.30, 0.00, 0.00
HSL	227°, 100%, 81%
HSV	227°, 39%, 100%
XYZ	47.6807, 46.1287, 100.9984
YIQ	180.2000, -37.8290, 19.2830

# Conversions

## Conversions Part 2

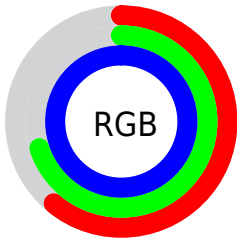
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 174, 255
Decimal	10269439
CIE Lab	73.63, 10.96, -40.52
CIE LCh	74, 41.973, 285.130
Yxy	46.1287, 0.2448, 0.2368
Android (android.graphics.Color)	4288459519 (0xFF9CB2FF)
YUV	180.2000, 36.8764, -21.2234
Hunter-Lab	67.9181, 6.4560, -40.6252

# Details

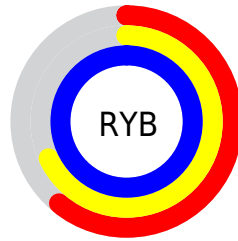
The Hex color **9CB2FF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **FFE99C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D5E AFF**, and **647EC6** is the 20% darker color. If you saturate the color by 10%, you get **839EFF**, and if you desaturate by 10%, it is **B6C6FF**.

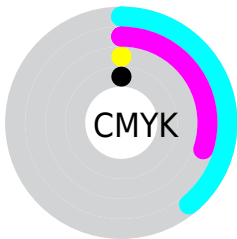
# Distribution



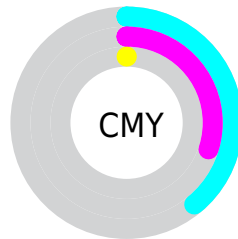
- Red (61%)
- Green (70%)
- Blue (100%)



- Red (61%)
- Yellow (68%)
- Blue (100%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CB2FF 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 9CB2FF by changing the saturation by 10% instead.



 9CB2FF

 9CB2FF

FFFFFF

 8097E2

 D5EAFF

 647EC6

 F3FFFF

 4865AA

 2B4D90

 003776

 00225D

 000C45

 00032E

 000118

■ 9CB2FF

■ 9CB2FF

■ 839EFF

■ B6C6FF

■ 698AFF

■ CFDAFF

■ 5077FF

■ E9EEFF

■ 3663FF

FFFFFF

■ 1D4FFF

■ 033BFF

■ 0039FF

# Harmonies

## Analogous

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



56BEFF



9CB2FF



D2A4EB

# Triad

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



9CB2FF



F79F80



5CC8A0

# Complementary

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



9CB2FF



FFE99C

# 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.



8FC27D



9CB2FF



DEAC6A

# Square

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



9CB2FF



FF97A3



BAB969



08C9C8

# Rectangle

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



9CB2FF



EB9CD6



BAB969



6FC793



# Sweetspot

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



9CB2FF



E0E7FF



9CFFE8



6E7280



000000



808080



# Same Dimension

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



9CB2FF



87A2FF



B69CFF



737680



002BBF



000E40



# Inverse Universe

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



FF9CB2



FF87A2



E5FF9C



807376



BF002A



40000E



# Previews

## White Background



This preview shows how the Hex color 9CB2FF looks on a white background.

## Color Contrast Check

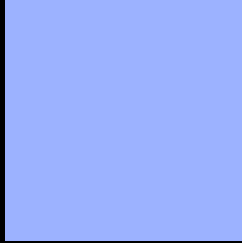
Large Text (above 18pt) WCAG AA × Fail

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 9CB2FF 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 9CB2FF Background



This preview shows how black text looks on a background with the Hex color 9CB2FF.



This preview shows how white text looks on a background with the Hex color 9CB2FF.

# 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](#).

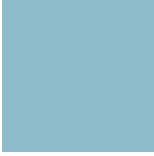
## Dichromacy



**Original Color**  
9CB2FF

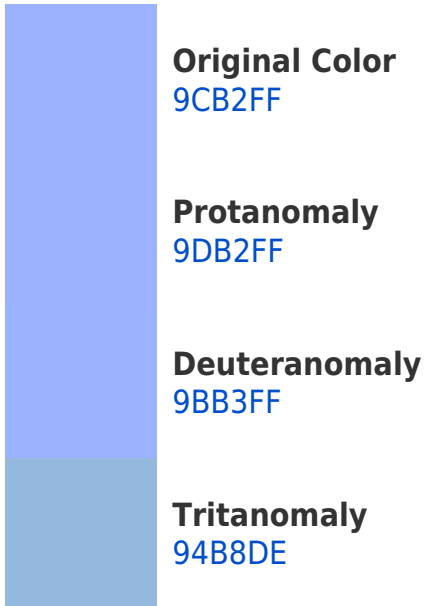
**Protanopia**  
9DB2FF

**Deuteranopia**  
9AB3FF

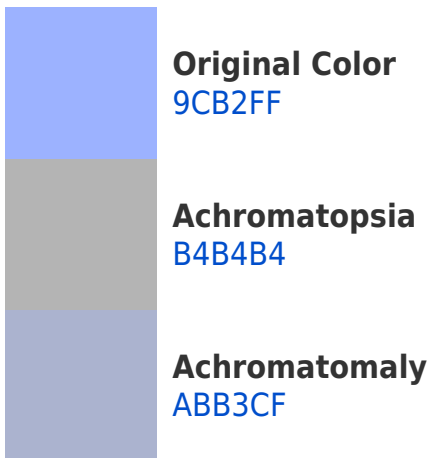


**Tritanopia**  
8FBCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CB2FF 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 #9CB2FF looks like.

```
.text, #text, p{  
    color:#9CB2FF  
}
```

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 #9CB2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CB2FF
}
```

## Border

The CSS property to change the border of an element to Hex 9CB2FF 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
#9CB2FF }
```

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

```
.border{ border-color:#9CB2FF }
```

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

Here you see how a box with a 4 pixel #9CB2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CB2FF; -webkit-box-shadow:4px 4px  
4px 4px #9CB2FF; box-shadow:4px 4px 4px  
4px #9CB2FF }
```

# Background

The CSS property to change the background color of an element to Hex 9CB2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CB2FF }
```

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

```
.background{ background-color:#9CB2FF }
```

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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