

# Converting Colors

Hex(9CC1F5)

Have a look what the booklet for  
Hex(9CC1F5) contains.

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# **Color**

**Hex(9CC1F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CC1F5
RGB	156, 193, 245
RGB Percent	61%, 76%, 96%
CMY	0.3882, 0.2431, 0.0392
CMYK	0.36, 0.21, 0.00, 0.04
HSL	215°, 82%, 79%
HSV	215°, 36%, 96%
XYZ	49.2617, 51.8004, 93.7883
YIQ	187.8650, -38.7440, 8.3280

# Conversions

## Conversions Part 2

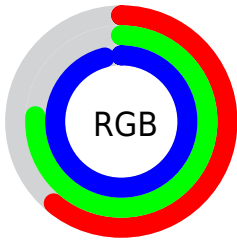
Format	Color
R <sub>Y</sub> B	156, 182, 245
Decimal	10273269
CIE Lab	77.16, 0.07, -29.67
CIE LCh	77, 29.672, 270.141
Yxy	51.8004, 0.2528, 0.2658
Android (android.graphics.Color)	4288463349 (0xFF9CC1F5)
YUV	187.8650, 28.1676, -27.9456
Hunter-Lab	71.9725, -3.7773, -26.8808

# Details

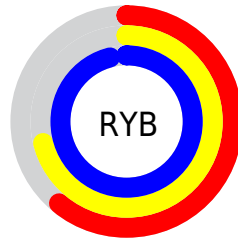
The Hex color **9CC1F5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F5D09C**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **D5F9FF**, and **658CBD** is the 20% darker color. If you saturate the color by 10%, you get **84B3F5**, and if you desaturate by 10%, it is **B4CFF5**.

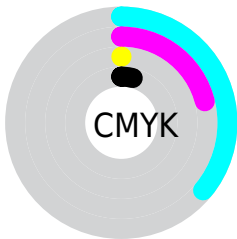
# Distribution



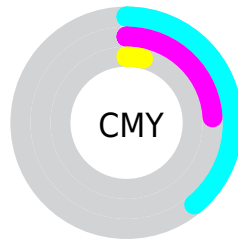
- Red (61%)
- Green (76%)
- Blue (96%)



- Red (61%)
- Yellow (71%)
- Blue (96%)



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (24%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CC1F5 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 9CC1F5 by changing the saturation by 10% instead.



■ 9CC1F5

■ 9CC1F5

FFFFFF

■ 80A6D8

■ D5F9FF

■ 658CBD

■ F2FFFF

■ 4A72A1

■ 2E5A87

■ 0A436E

■ 002D55

■ 00193D

■ 000327

■ 000111

■ 9CC1F5

■ 9CC1F5

■ 84B3F5

■ B4CFF5

■ 6BA4F5

■ CDDEF5

■ 5396F5

■ E6ECF5

■ 3A88F5

■ FEFAF5

■ 2279F5

■ FFFFF5

■ 096BF5

■ 0066F5

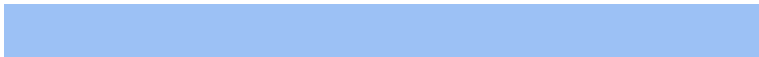
# Harmonies

## Analogous

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



79C9ED



9CC1F5



C3B7EE

# Triad

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



9CC1F5



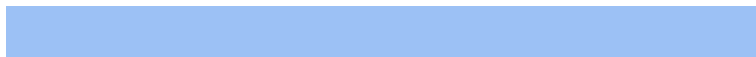
F5ACA4



95CBA2

# Complementary

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



9CC1F5



F5D09C

# 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.



B5C58E



9CC1F5



E9B490

# Square

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



9CC1F5



F3AABF



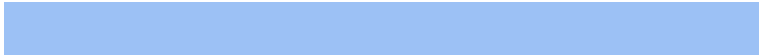
D2BD88



78CEBE

# Rectangle

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



9CC1F5



D9B1E2



D2BD88



A0C99B



# Sweetspot

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



9CC1F5



E3EFFF



9CF5D0



6F7680



000000



808080

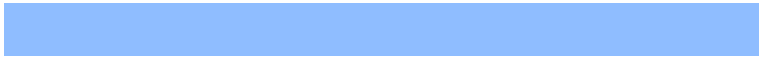


# Same Dimension

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



9CC1F5



8FBDFE



A39CF5



6E737A



004DBA



00183B



# Inverse Universe

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



F59CC1



FF8FBD



EEF59C



7A6E73



BA004D

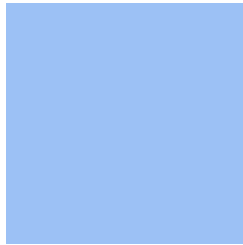


3B0018



# Previews

## White Background



This preview shows how the Hex color 9CC1F5 looks on a white background.

## Color Contrast Check

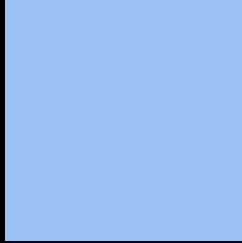
Large Text (above 18pt) WCAG AA × Fail

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 9CC1F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

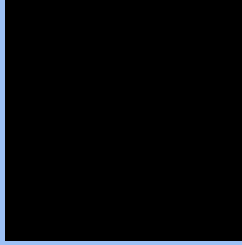
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

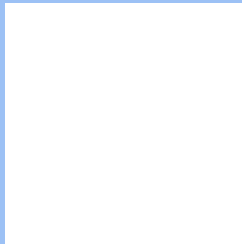
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CC1F5 Background



This preview shows how black text looks on a background with the Hex color 9CC1F5.

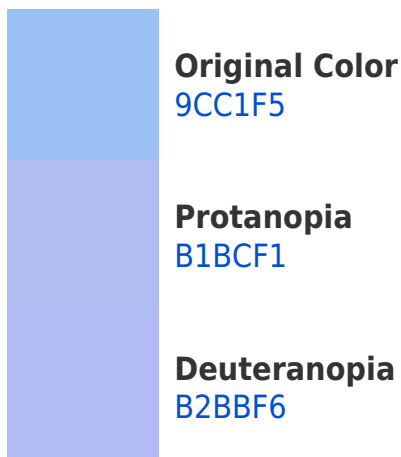


This preview shows how white text looks on a background with the Hex color 9CC1F5.

# 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](#).

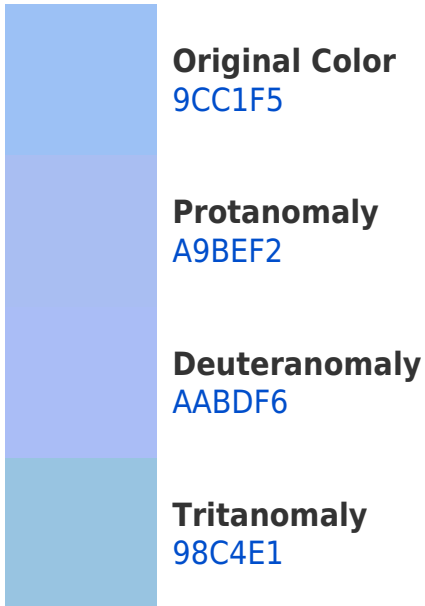
## Dichromacy



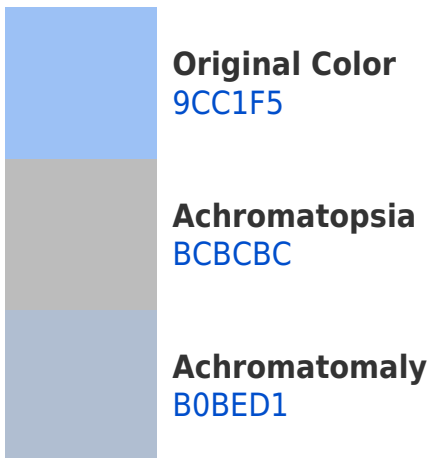


**Tritanopia**  
95C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CC1F5 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 #9CC1F5 looks like.

```
.text, #text, p{  
    color:#9CC1F5  
}
```

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 #9CC1F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC1F5
}
```

## Border

The CSS property to change the border of an element to Hex 9CC1F5 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
#9CC1F5 }
```

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

```
.border{ border-color:#9CC1F5 }
```

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

Here you see how a box with a 4 pixel #9CC1F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC1F5; -webkit-box-shadow:4px 4px  
4px 4px #9CC1F5; box-shadow:4px 4px 4px  
4px #9CC1F5 }
```

# Background

The CSS property to change the background color of an element to Hex 9CC1F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC1F5 }
```

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

```
.background{ background-color:#9CC1F5 }
```

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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