

Converting Colors

Hex(9CC8FF)

Have a look what the booklet for
Hex(9CC8FF) contains.

Hex(9CC8FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9CC8FF)

Conversions

Conversions Part 1

Format	Color
Hex	9CC8FF
RGB	156, 200, 255
RGB Percent	61%, 78%, 100%
CMY	0.3882, 0.2157, 0.0000
CMYK	0.39, 0.22, 0.00, 0.00
HSL	213°, 100%, 81%
HSV	213°, 39%, 100%
XYZ	52.4146, 55.5965, 102.5764
YIQ	193.1140, -43.8790, 7.7770

Conversions

Conversions Part 2

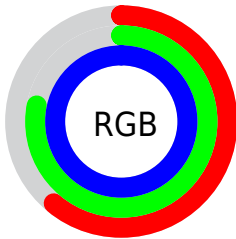
Format	Color
R _Y B	156, 186, 255
Decimal	10275071
CIE Lab	79.38, -1.11, -31.61
CIE LCh	79, 31.627, 267.982
Yxy	55.5965, 0.2489, 0.2640
Android (android.graphics.Color)	4288465151 (0xFF9CC8FF)
YUV	193.1140, 30.5098, -32.5490
Hunter-Lab	74.5630, -5.0076, -29.3711

Details

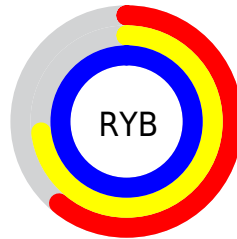
The Hex color **9CC8FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD39C**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D5FFFF**, and **6492C6** is the 20% darker color. If you saturate the color by 10%, you get **83BAFF**, and if you desaturate by 10%, it is **B6D6FF**.

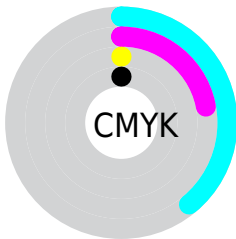
Distribution



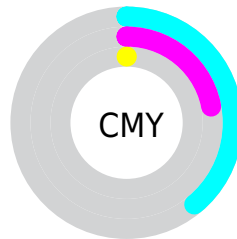
- Red (61%)
- Green (78%)
- Blue (100%)



- Red (61%)
- Yellow (73%)
- Blue (100%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CC8FF 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 9CC8FF by changing the saturation by 10% instead.

 9CC8FF

 9CC8FF

FFFFFF

 80ADE2

 D5FFFF

 6492C6

 F2FFFF

 4979AB

 2B6090

 004876

 00325D

 001E45

 00042F

 000119

 9CC8FF

 9CC8FF

 83BAFF

 B6D6FF

 69ACFF

 CFE4FF

 509DFF

 E9F3FF

 368FFF

FFFFFF

 1D81FF

 0373FF

 0071FF

Harmonies

Analogous

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



76D0F6



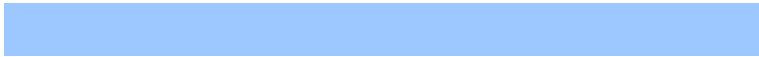
9CC8FF



C6BEF9

Triad

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



9CC8FF



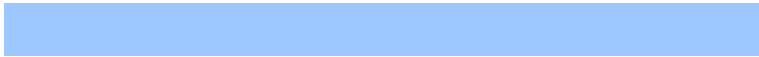
FFB1AA



9BD2A5

Complementary

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



9CC8FF



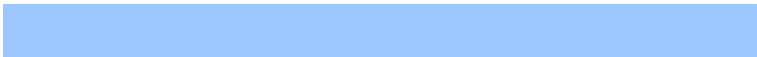
FFD39C

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.



BDCB90



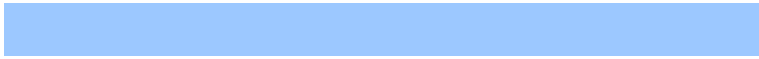
9CC8FF



F3B894

Square

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



9CC8FF



FCAFC8



DCC28A



7BD5C2

Rectangle

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



9CC8FF



DFB7EC



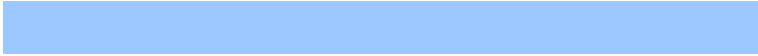
DCC28A



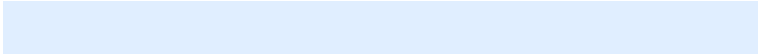
A6D09C

Sweetspot

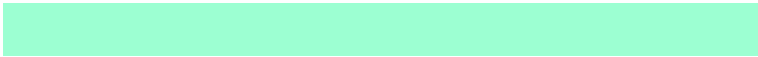
The Sweet Spot groups the original color and five complimentary colors.



9CC8FF



E0EEFF



9CFFD2



6E7680



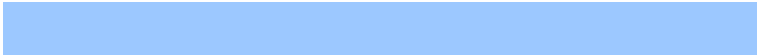
000000



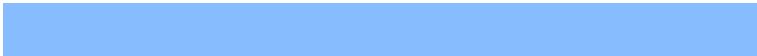
808080

Same Dimension

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



9CC8FF



87BCFF



A19CFF



737880



0055BF



001C40

Inverse Universe

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



FF9CC8



FF87BC



FAFF9C



807378



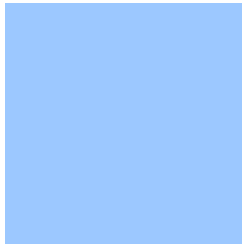
BF0055



40001C

Previews

White Background



This preview shows how the Hex color 9CC8FF looks on a white background.

Color Contrast Check

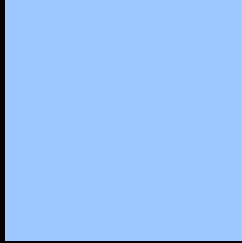
Large Text (above 18pt) WCAG AA × Fail

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 9CC8FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

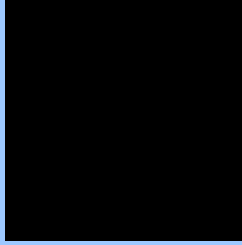
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

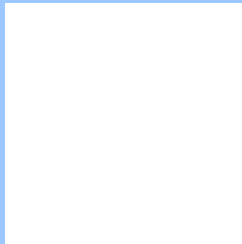
Any Text WCAG AAA ✓ Pass

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

Hex 9CC8FF Background



This preview shows how black text looks on a background with the Hex color 9CC8FF.



This preview shows how white text looks on a background with the Hex color 9CC8FF.

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](#).

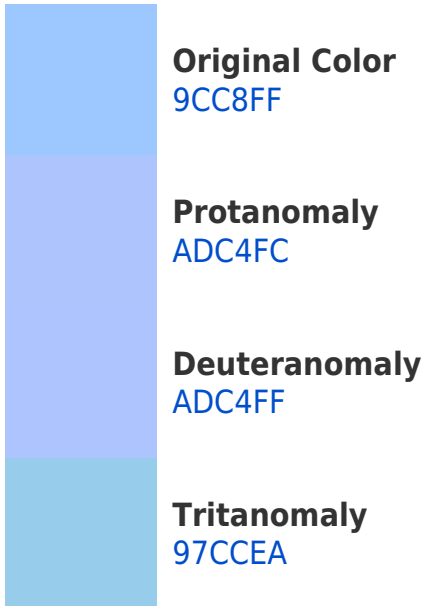
Dichromacy



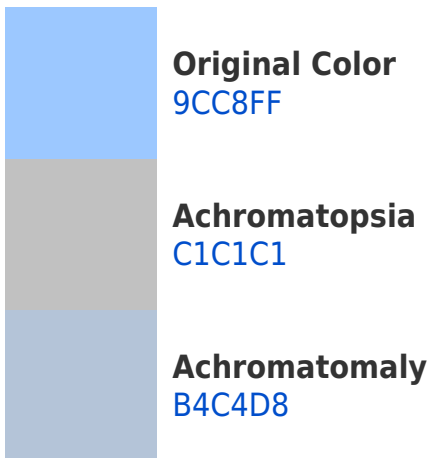


Tritanopia
94CEDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CC8FF 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 #9CC8FF looks like.

```
.text, #text, p{  
    color:#9CC8FF  
}
```

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 #9CC8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CC8FF
}
```

Border

The CSS property to change the border of an element to Hex 9CC8FF 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
#9CC8FF }
```

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

```
.border{ border-color:#9CC8FF }
```

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

Here you see how a box with a 4 pixel #9CC8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CC8FF; -webkit-box-shadow:4px 4px  
4px 4px #9CC8FF; box-shadow:4px 4px 4px  
4px #9CC8FF }
```

Background

The CSS property to change the background color of an element to Hex 9CC8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CC8FF }
```

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

```
.background{ background-color:#9CC8FF }
```

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