

# Converting Colors

Hex(9DC7FF)

Have a look what the booklet for  
Hex(9DC7FF) contains.

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# **Color**

**Hex(9DC7FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DC7FF
RGB	157, 199, 255
RGB Percent	62%, 78%, 100%
CMY	0.3843, 0.2196, 0.0000
CMYK	0.38, 0.22, 0.00, 0.00
HSL	214°, 100%, 81%
HSV	214°, 38%, 100%
XYZ	52.3781, 55.2349, 102.5085
YIQ	192.8260, -43.0080, 8.5120

# Conversions

## Conversions Part 2

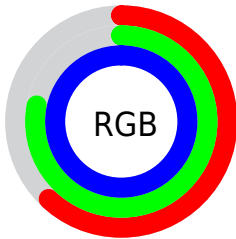
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	157, 186, 255
Decimal	10340351
CIE Lab	79.18, -0.32, -31.92
CIE LCh	79, 31.923, 269.433
Yxy	55.2349, 0.2493, 0.2629
Android (android.graphics.Color)	4288530431 (0xFF9DC7FF)
YUV	192.8260, 30.6518, -31.4194
Hunter-Lab	74.3202, -4.2604, -29.7535

# Details

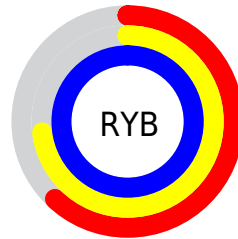
The Hex color **9DC7FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD59D**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D6FFFF**, and **6591C6** is the 20% darker color. If you saturate the color by 10%, you get **84B8FF**, and if you desaturate by 10%, it is **B7D6FF**.

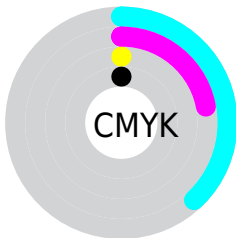
# Distribution



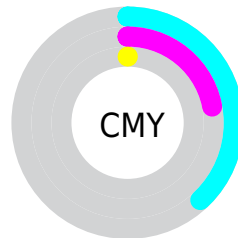
- Red (62%)
- Green (78%)
- Blue (100%)



- Red (62%)
- Yellow (73%)
- Blue (100%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DC7FF 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 9DC7FF by changing the saturation by 10% instead.



 9DC7FF

 9DC7FF

FFFFFF

 81ACE2

 D6FFFF

 6591C6

 F3FFFF

 4A78AB

 2C5F90

 014876

 00315D

 001D45

 00042F

 000119

 9DC7FF

 9DC7FF

 84B8FF

 B7D6FF

 6AAAFF

 D0E4FF

 519BFF

 EAF3FF

 378DFF

FFFFFF

 1D7EFF

 0470FF

 006DFF

# Harmonies

## Analogous

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



76CFF6



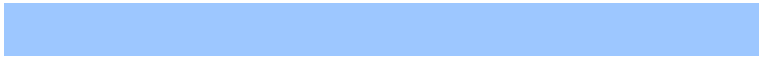
9DC7FF



C8BDF8

# Triad

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



9DC7FF



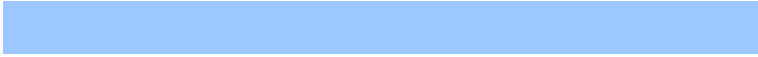
FFB0A8



98D2A5

# Complementary

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



9DC7FF



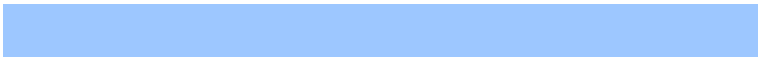
FFD59D

# 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.



BACB90



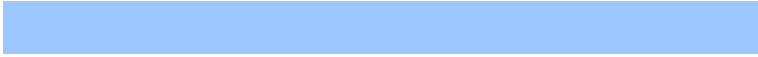
9DC7FF



F2B892

# Square

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



9DC7FF



FDAEC6



DAC289



78D5C2

# Rectangle

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



9DC7FF



E0B6EB



DAC289

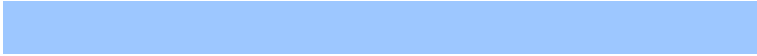


A3D09D

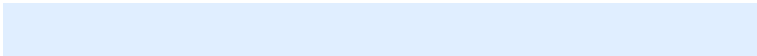


# Sweetspot

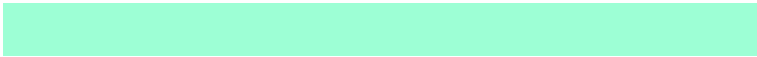
The Sweet Spot groups the original color and five complimentary colors.



9DC7FF



E0EEFF



9DFFD5



6E7580



000000



808080



# Same Dimension

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



9DC7FF



8ABCFF



A49DFF



737880



0052BF



001B40



# Inverse Universe

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



FF9DC7



FF8ABC



F8FF9D



807378



BF0052

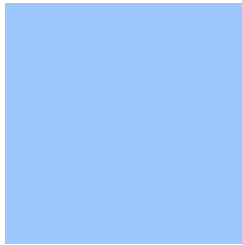


40001B



# Previews

## White Background



This preview shows how the Hex color 9DC7FF looks on a white background.

## Color Contrast Check

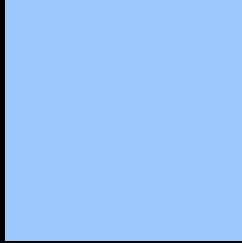
Large Text (above 18pt) WCAG AA × Fail

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 9DC7FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

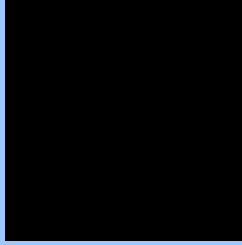
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

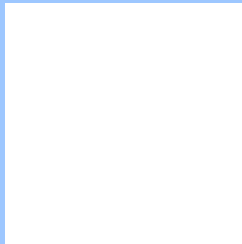
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9DC7FF Background



This preview shows how black text looks on a background with the Hex color 9DC7FF.



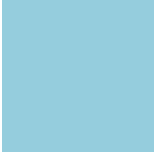
This preview shows how white text looks on a background with the Hex color 9DC7FF.

# 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](#).

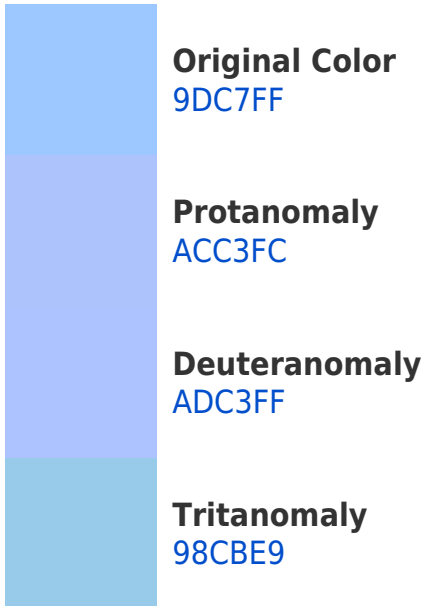
## Dichromacy



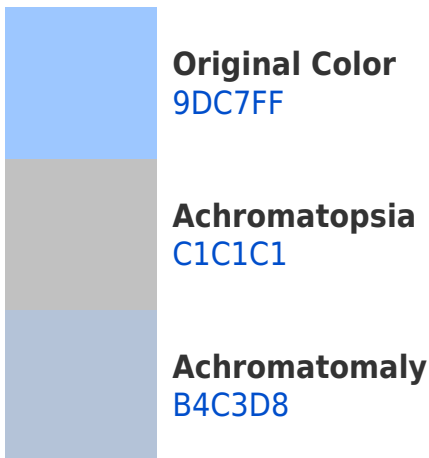


**Tritanopia**  
95CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DC7FF 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 #9DC7FF looks like.

```
.text, #text, p{  
    color:#9DC7FF  
}
```

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 #9DC7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC7FF  
}
```

## Border

The CSS property to change the border of an element to Hex 9DC7FF 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  
#9DC7FF }
```

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

```
.border{ border-color:#9DC7FF }
```

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

Here you see how a box with a 4 pixel #9DC7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC7FF; -webkit-box-shadow:4px 4px  
4px 4px #9DC7FF; box-shadow:4px 4px 4px  
4px #9DC7FF }
```

# Background

The CSS property to change the background color of an element to Hex 9DC7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC7FF }
```

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

```
.background{ background-color:#9DC7FF }
```

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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