

# Converting Colors

Hex(9CE4FF)

Have a look what the booklet for  
Hex(9CE4FF) contains.

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# **Color**

**Hex(9CE4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CE4FF
RGB	156, 228, 255
RGB Percent	61%, 89%, 100%
CMY	0.3882, 0.1059, 0.0000
CMYK	0.39, 0.11, 0.00, 0.00
HSL	196°, 100%, 81%
HSV	196°, 39%, 100%
XYZ	59.5037, 69.7747, 104.9394
YIQ	209.5500, -51.5790, -6.8670

# Conversions

## Conversions Part 2

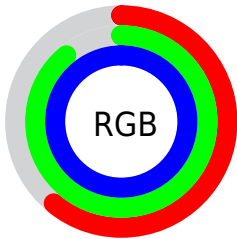
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 198, 255
Decimal	10282239
CIE <sub>Lab</sub>	86.89, -15.74, -20.17
CIE <sub>LCh</sub>	87, 25.583, 232.021
Yxy	69.7747, 0.2541, 0.2979
Android (android.graphics.Color)	4288472319 (0xFF9CE4FF)
YUV	209.5500, 22.4069, -46.9633
Hunter-Lab	83.5313, -19.0248, -16.0135

# Details

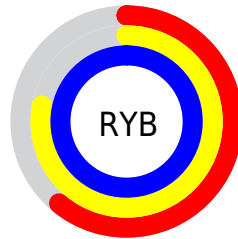
The Hex color **9CE4FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFB79C**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D6FFFF**, and **64ADC6** is the 20% darker color. If you saturate the color by 10%, you get **83DDFF**, and if you desaturate by 10%, it is **B6EBFF**.

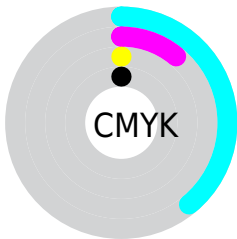
# Distribution



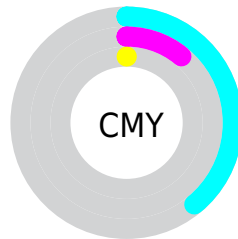
- Red (61%)
- Green (89%)
- Blue (100%)



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



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CE4FF 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 9CE4FF by changing the saturation by 10% instead.



 9CE4FF

 9CE4FF

FFFFFF

 80C8E2

 D6FFFF

 64ADC6

 F3FFFF

 4792AB

 287890

 005F77

 00475E

 003146

 001D30

 00011B

 9CE4FF

 9CE4FF

 83DDFF

 B6EBFF

 69D6FF

 CFF2FF

 50CFFF

 E9F9FF

 36C8FF

FFFFFF

 1DC1FF

 03BAFF

 00B9FF

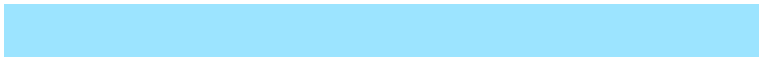
# Harmonies

## Analogous

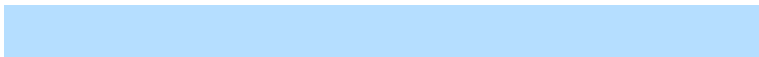
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96E7EB



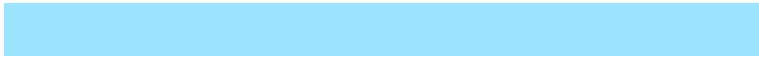
9CE4FF



B5DEFF

# Triad

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



9CE4FF



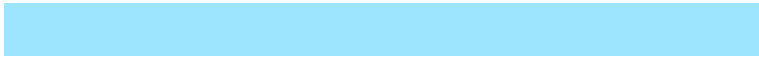
FFC9E1



D9DEAC

# Complementary

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



9CE4FF



FFB79C

# 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.



F2D6AA



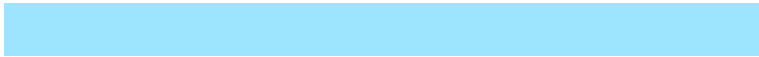
9CE4FF



FFC9C8

# Square

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



9CE4FF



F3CEF8



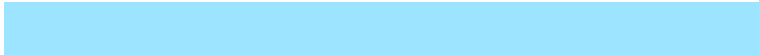
FFCEB4



BDE4BB

# Rectangle

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



9CE4FF



CAD8FF



FFCEB4

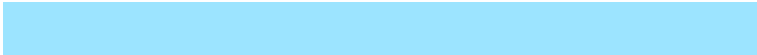


E2DBAA

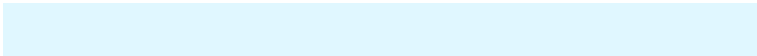


# Sweetspot

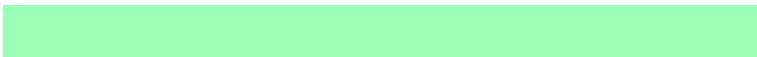
The Sweet Spot groups the original color and five complimentary colors.



9CE4FF



E0F7FF



9CFFB6



6E7B80



000000

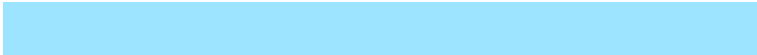


808080

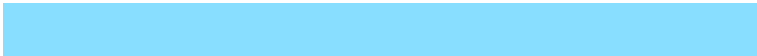


# Same Dimension

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



9CE4FF



87DEFF



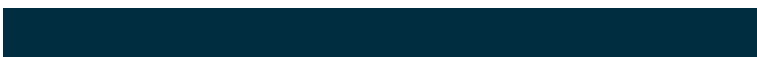
9CB3FF



737C80



008BBF



002E40



# Inverse Universe

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



FF9CE4



FF87DE



FFE89C



80737C



BF008B

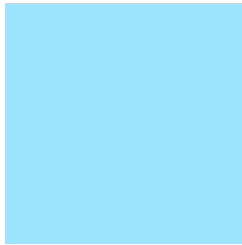


40002E



# Previews

## White Background



This preview shows how the Hex color 9CE4FF looks on a white background.

## Color Contrast Check

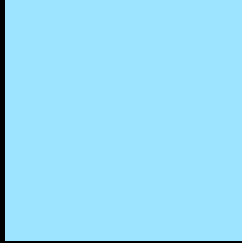
Large Text (above 18pt) WCAG AA × Fail

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 9CE4FF 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 9CE4FF Background



This preview shows how black text looks on a background with the Hex color 9CE4FF.

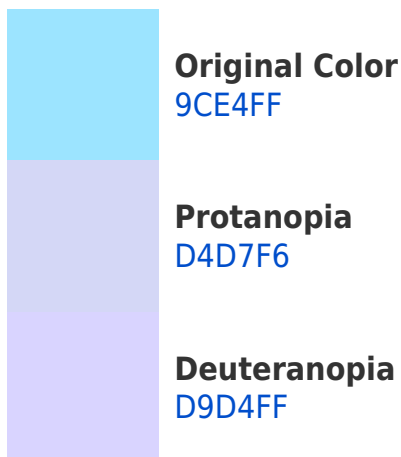


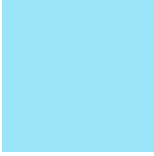
This preview shows how white text looks on a background with the Hex color 9CE4FF.

# 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](#).

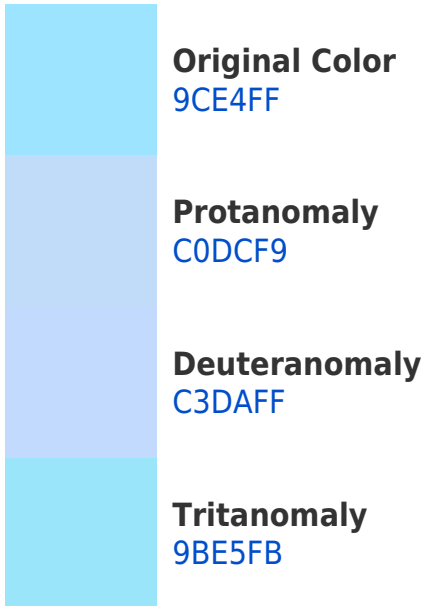
## Dichromacy



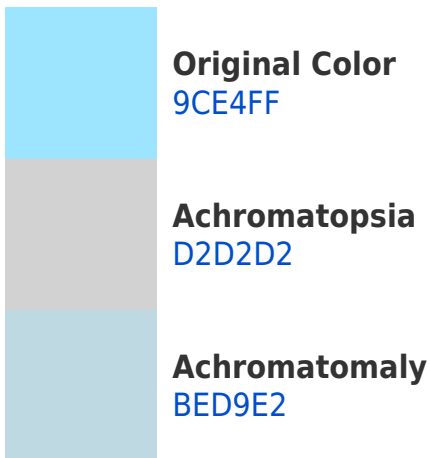


**Tritanopia**  
9AE5F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CE4FF 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 #9CE4FF looks like.

```
.text, #text, p{  
    color:#9CE4FF  
}
```

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 #9CE4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CE4FF  
}
```

## Border

The CSS property to change the border of an element to Hex 9CE4FF 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  
#9CE4FF }
```

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

```
.border{ border-color:#9CE4FF }
```

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

Here you see how a box with a 4 pixel #9CE4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CE4FF; -webkit-box-shadow:4px 4px  
4px 4px #9CE4FF; box-shadow:4px 4px 4px  
4px #9CE4FF }
```

# Background

The CSS property to change the background color of an element to Hex 9CE4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CE4FF }
```

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

```
.background{ background-color:#9CE4FF }
```

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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