

# Converting Colors

Hex(9FCEFF)

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

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# **Color**

**Hex(9FCEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FCEFF
RGB	159, 206, 255
RGB Percent	62%, 81%, 100%
CMY	0.3765, 0.1922, 0.0000
CMYK	0.38, 0.19, 0.00, 0.00
HSL	211°, 100%, 81%
HSV	211°, 38%, 100%
XYZ	54.4194, 58.7335, 103.0762
YIQ	197.5330, -43.7410, 5.2750

# Conversions

## Conversions Part 2

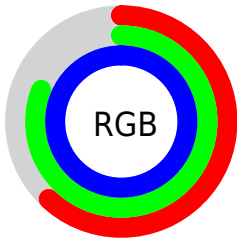
Format	Color
R <sub>Y</sub> B	159, 191, 255
Decimal	10473215
CIE Lab	81.14, -3.54, -28.89
CIE LCh	81, 29.105, 263.008
Yxy	58.7335, 0.2517, 0.2716
Android (android.graphics.Color)	4288663295 (0xFF9FCEFF)
YUV	197.5330, 28.3312, -33.7934
Hunter-Lab	76.6378, -7.3659, -26.0973

# Details

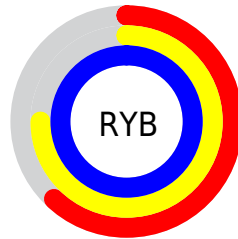
The Hex color **9FCEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD09F**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D8FFFF**, and **6898C6** is the 20% darker color. If you saturate the color by 10%, you get **85C1FF**, and if you desaturate by 10%, it is **B9DBFF**.

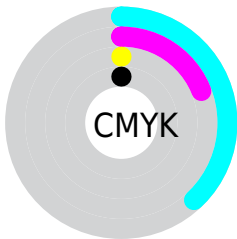
# Distribution



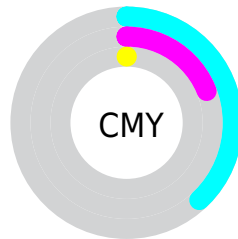
- Red (62%)
- Green (81%)
- Blue (100%)



- Red (62%)
- Yellow (75%)
- Blue (100%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 9FCEFF

 9FCEFF

FFFFFF

 83B3E2

 D8FFFF

 6898C6

 F5FFFF

 4C7EAB

 2F6590

 074D76

 00375D

 002246

 000A2F

 00011A

 9FCEFF

 9FCEFF

 85C1FF

 B9DBFF

 6CB4FF

 D2E8FF

 52A7FF

 ECF5FF

 399AFF

FFFFFF

 1F8DFF

 0680FF

 007DFF

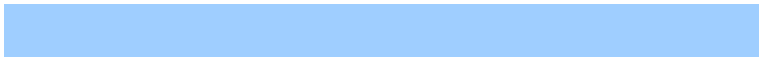
# Harmonies

## Analogous

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



80D5F4



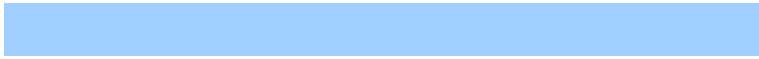
9FCEFF



C5C5FB

# Triad

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



9FCEFF



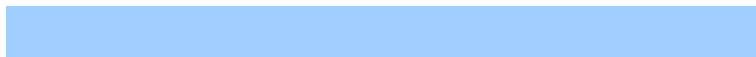
FFB7B6



A8D5A8

# Complementary

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



9FCEFF



FFD09F

# 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.



C7CE97



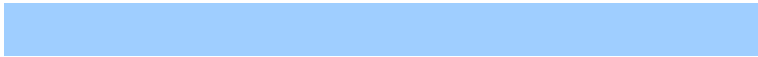
9FCEFF



F8BD9F

# Square

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



9FCEFF



FBB6D1



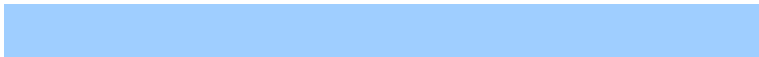
E3C694



8BD8C2

# Rectangle

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



9FCEFF



DDBFF1



E3C694

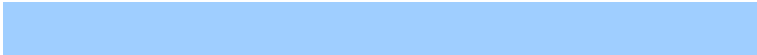


B3D3A1

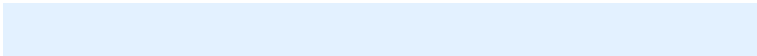


# Sweetspot

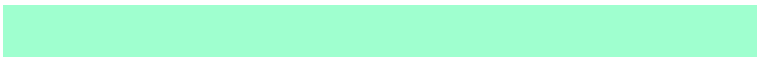
The Sweet Spot groups the original color and five complimentary colors.



9FCEFF



E3F1FF



9FFFCE



6F7780



000000



808080

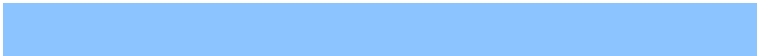


# Same Dimension

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



9FCEFF



8CC4FF



9F9FFF



737980



005EBF



001F40



# Inverse Universe

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



FF9FCE



FF8CC4



FFFF9F



807379



BF005E

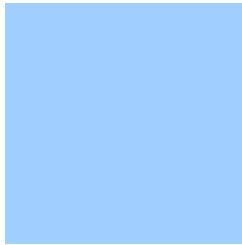


40001F



# Previews

## White Background



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

## Color Contrast Check

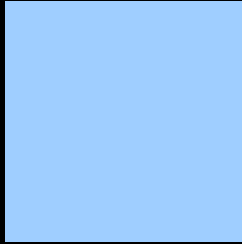
Large Text (above 18pt) WCAG AA × Fail

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 9FCEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

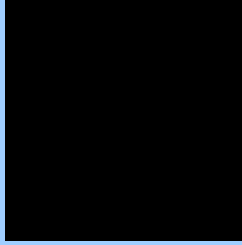
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

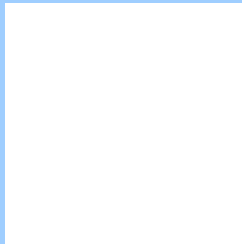
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FCEFF Background



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



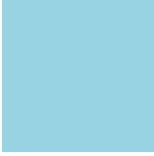
This preview shows how white text looks on a background with the Hex color 9FCEFF.

# 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](#).

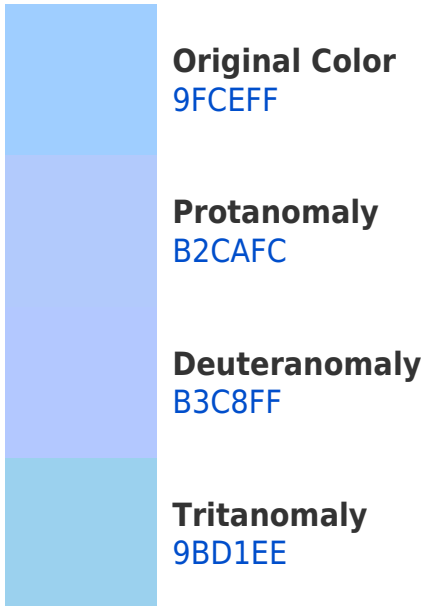
## Dichromacy



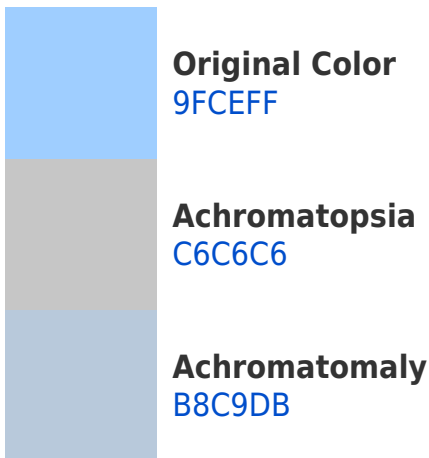


**Tritanopia**  
98D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9FCEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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