

# Converting Colors

Hex(9EC8FF)

Have a look what the booklet for  
Hex(9EC8FF) contains.

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# **Color**

**Hex(9EC8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EC8FF
RGB	158, 200, 255
RGB Percent	62%, 78%, 100%
CMY	0.3804, 0.2157, 0.0000
CMYK	0.38, 0.22, 0.00, 0.00
HSL	214°, 100%, 81%
HSV	214°, 38%, 100%
XYZ	52.8048, 55.7977, 102.5947
YIQ	193.7120, -42.6870, 8.2010

# Conversions

## Conversions Part 2

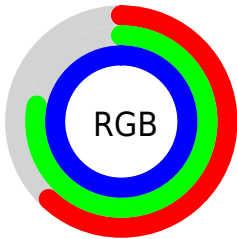
Format	Color
R <sub>Y</sub> B	158, 187, 255
Decimal	10406143
CIE Lab	79.50, -0.59, -31.42
CIE LCh	79, 31.426, 268.917
Yxy	55.7977, 0.2500, 0.2642
Android (android.graphics.Color)	4288596223 (0xFF9EC8FF)
YUV	193.7120, 30.2150, -31.3194
Hunter-Lab	74.6978, -4.5373, -29.1441

# Details

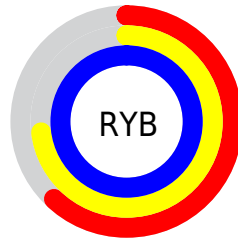
The Hex color **9EC8FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD59E**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D7FFFF**, and **6792C6** is the 20% darker color. If you saturate the color by 10%, you get **84BAFF**, and if you desaturate by 10%, it is **B8D6FF**.

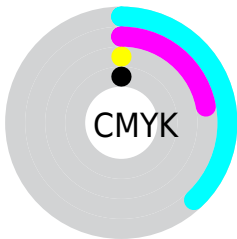
# Distribution



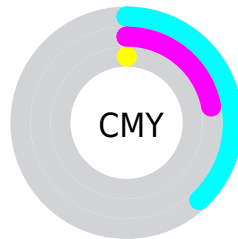
- Red (62%)
- Green (78%)
- Blue (100%)



- 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 9EC8FF 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 9EC8FF by changing the saturation by 10% instead.



 9EC8FF

 9EC8FF

FFFFFF

 82ADE2

 D7FFFF

 6792C6

 F4FFFF

 4B79AB


 2E6090

 054876

 00325D

 001E45

 00042F

 000119

 9EC8FF

 9EC8FF

 84BAFF

 B8D6FF

 6BABFF

 D1E5FF

 529DFF


 EBF3FF

 388EFF

FFFFFF

 1F80FF

 0571FF

 006EFF

# Harmonies

## Analogous

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



78D0F6



9EC8FF



C8BEF8

# Triad

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



9EC8FF



FFB1AA



9AD2A6

# Complementary

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



9EC8FF



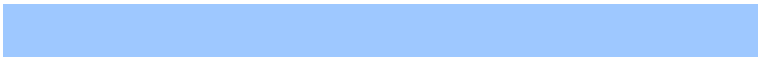
FFD59E

# 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.



BCCC91



9EC8FF



F3B994

# Square

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



9EC8FF



FDAFC7



DBC38A



7BD5C3

# Rectangle

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



9EC8FF



E0B7EC



DBC38A



A5D09E



# Sweetspot

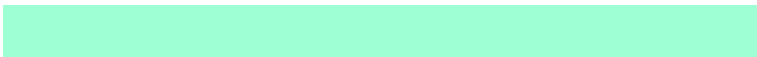
The Sweet Spot groups the original color and five complimentary colors.



9EC8FF



E3EFFF



9EFFD5



6F7680



000000



808080



# Same Dimension

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



9EC8FF



8ABCFF



A49EFF



737880



0053BF



001C40



# Inverse Universe

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



FF9EC8



FF8ABC



F9FF9E



807378



BF0053

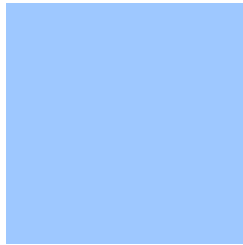


40001C



# Previews

## White Background



This preview shows how the Hex color 9EC8FF looks on a white background.

## Color Contrast Check

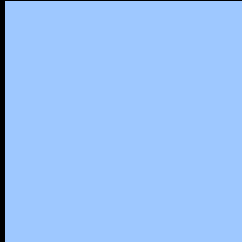
Large Text (above 18pt) WCAG AA × Fail

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 9EC8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

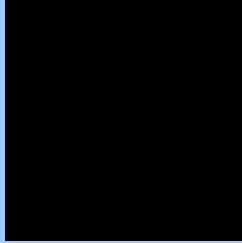
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

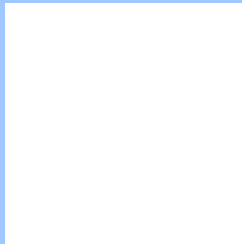
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9EC8FF Background



This preview shows how black text looks on a background with the Hex color 9EC8FF.



This preview shows how white text looks on a background with the Hex color 9EC8FF.

# Color Blindness Simulation

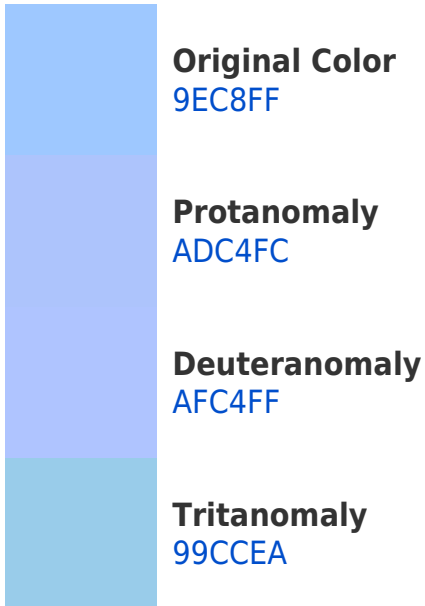
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

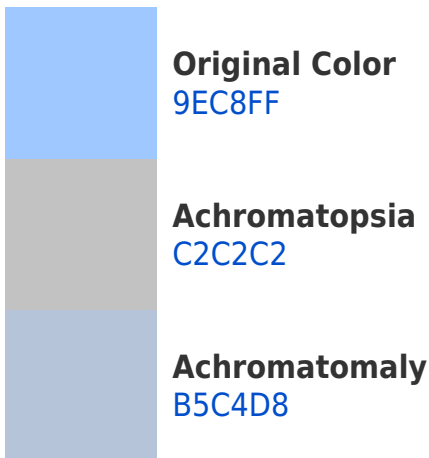




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EC8FF 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 #9EC8FF looks like.

```
.text, #text, p{  
    color:#9EC8FF  
}
```

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 #9EC8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC8FF  
}
```

## Border

The CSS property to change the border of an element to Hex 9EC8FF 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  
#9EC8FF }
```

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

```
.border{ border-color:#9EC8FF }
```

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

Here you see how a box with a 4 pixel #9EC8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC8FF; -webkit-box-shadow:4px 4px  
4px 4px #9EC8FF; box-shadow:4px 4px 4px  
4px #9EC8FF }
```

# Background

The CSS property to change the background color of an element to Hex 9EC8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC8FF }
```

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

```
.background{ background-color:#9EC8FF }
```

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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