

Converting Colors

Hex(9EC2FF)

Have a look what the booklet for
Hex(9EC2FF) contains.

Hex(9EC2FF)	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(9EC2FF)

Conversions

Conversions Part 1

Format	Color
Hex	9EC2FF
RGB	158, 194, 255
RGB Percent	62%, 76%, 100%
CMY	0.3804, 0.2392, 0.0000
CMYK	0.38, 0.24, 0.00, 0.00
HSL	218°, 100%, 81%
HSV	218°, 38%, 100%
XYZ	51.4423, 53.0727, 102.1405
YIQ	190.1900, -41.0370, 11.3390

Conversions

Conversions Part 2

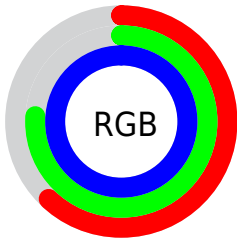
Format	Color
R_{YB}	158, 184, 255
Decimal	10404607
CIE Lab	77.92, 2.65, -33.86
CIE LCh	78, 33.960, 274.481
Yxy	53.0727, 0.2489, 0.2568
Android (android.graphics.Color)	4288594687 (0xFF9EC2FF)
YUV	190.1900, 31.9513, -28.2306
Hunter-Lab	72.8510, -1.4449, -32.1316

Details

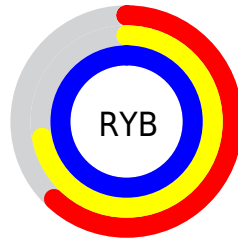
The Hex color **9EC2FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDB9E**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D7FAFF**, and **678DC6** is the 20% darker color. If you saturate the color by 10%, you get **84B2FF**, and if you desaturate by 10%, it is **B8D2FF**.

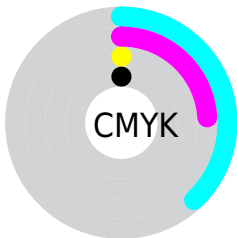
Distribution



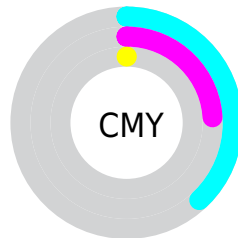
- Red (62%)
- Green (76%)
- Blue (100%)



- Red (62%)
- Yellow (72%)
- Blue (100%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EC2FF 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 9EC2FF by changing the saturation by 10% instead.

 9EC2FF

 9EC2FF

FFFFFF

 82A7E2

 D7FAFF

 678DC6

 F4FFFF

 4B73AB

 2E5B90

 054476

 002E5D

 001A45

 00042E

 000119

 9EC2FF

 9EC2FF

 84B2FF

 B8D2FF

 6BA2FF

 D1E2FF

 5292FF


 EBF2FF

 3882FF

FFFFFF

 1F72FF

 0562FF

 005FFF

Harmonies

Analogous

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



70CBF9



9EC2FF



CBB7F5

Triad

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



9EC2FF



FDAC9E



8BD0A4

Complementary

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



9EC2FF



FFDB9E

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.



B0C98C



9EC2FF



EDB589

Square

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



9EC2FF



FEA9BD



D2C082



68D2C4

Rectangle

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



9EC2FF



E3B0E6



D2C082



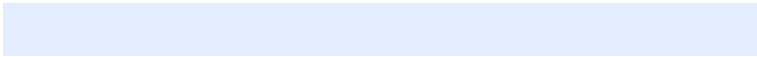
97CE9B

Sweetspot

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



9EC2FF



E3EDFF



9EFFDA



6F7580



000000



808080

Same Dimension

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



9EC2FF



8AB5FF



A99EFF



737780



0047BF



001840

Inverse Universe

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



FF9EC2



FF8AB5



F4FF9E



807377



BF0047



400018

Previews

White Background



This preview shows how the Hex color 9EC2FF looks on a white background.

Color Contrast Check

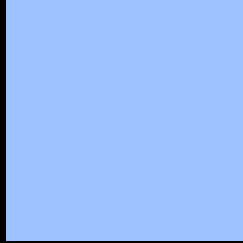
Large Text (above 18pt) WCAG AA × Fail

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 9EC2FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

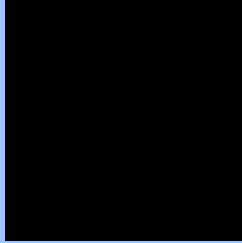
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

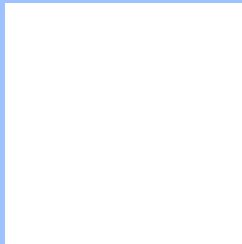
Any Text WCAG AAA ✓ Pass

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

Hex 9EC2FF Background



This preview shows how black text looks on a background with the Hex color 9EC2FF.

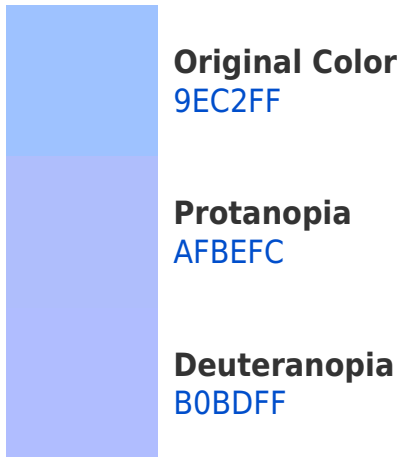


This preview shows how white text looks on a background with the Hex color 9EC2FF.

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](#).

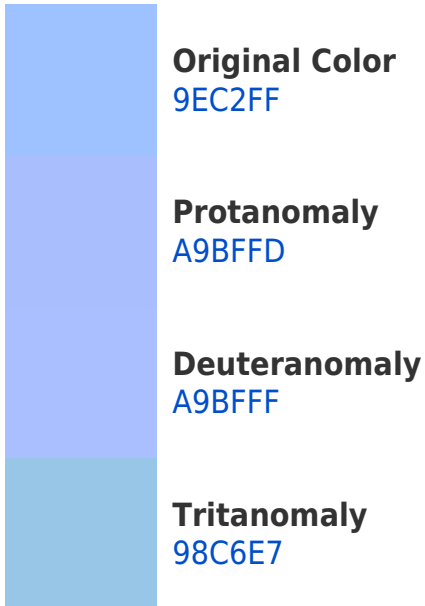
Dichromacy



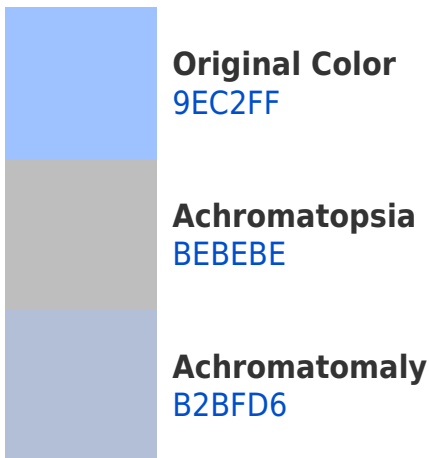


Tritanopia
95C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EC2FF 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 #9EC2FF looks like.

```
.text, #text, p{  
    color:#9EC2FF  
}
```

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 #9EC2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EC2FF
}
```

Border

The CSS property to change the border of an element to Hex 9EC2FF 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
#9EC2FF }
```

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

```
.border{ border-color:#9EC2FF }
```

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

Here you see how a box with a 4 pixel #9EC2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EC2FF; -webkit-box-shadow:4px 4px  
4px 4px #9EC2FF; box-shadow:4px 4px 4px  
4px #9EC2FF }
```

Background

The CSS property to change the background color of an element to Hex 9EC2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EC2FF }
```

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

```
.background{ background-color:#9EC2FF }
```

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