

Converting Colors

Hex(9CF2FE)

Have a look what the booklet for
Hex(9CF2FE) contains.

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Color

Hex(9CF2FE)

Conversions

Conversions Part 1

Format	Color
Hex	9CF2FE
RGB	156, 242, 254
RGB Percent	61%, 95%, 100%
CMY	0.3882, 0.0510, 0.0039
CMYK	0.39, 0.05, 0.00, 0.00
HSL	187°, 98%, 80%
HSV	187°, 39%, 100%
XYZ	63.3518, 77.7279, 105.4299
YIQ	217.6540, -55.1080, -14.5000

Conversions

Conversions Part 2

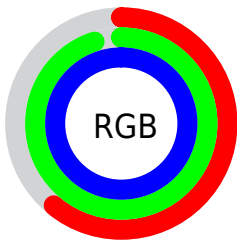
Format	Color
R _Y B	156, 202, 254
Decimal	10285822
CIE Lab	90.66, -22.96, -13.97
CIE LCh	91, 26.880, 211.324
Yxy	77.7279, 0.2570, 0.3153
Android (android.graphics.Color)	4288475902 (0xFF9CF2FE)
YUV	217.6540, 17.9186, -54.0706
Hunter-Lab	88.1634, -26.0209, -9.1873

Details

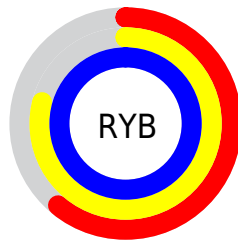
The Hex color **9CF2FE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FEA89C**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D6FFFF**, and **63BAC5** is the 20% darker color. If you saturate the color by 10%, you get **83EFFE**, and if you desaturate by 10%, it is **B5F5FE**.

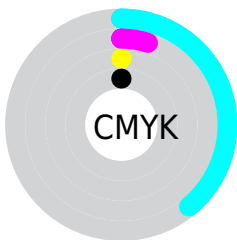
Distribution



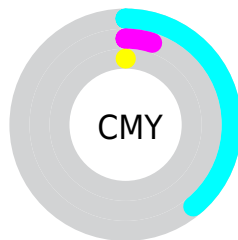
- Red (61%)
- Green (95%)
- Blue (100%)



- Red (61%)
- Yellow (79%)
- Blue (100%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF2FE 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 9CF2FE by changing the saturation by 10% instead.

 9CF2FE

 9CF2FE

FFFFFF

 7FD6E1

 D6FFFF

 63BAC5

 F4FFFF

 469FAA

 258490

 006B76

 00525D

 003B46

 00252F

 00061B

 9CF2FE

 9CF2FE

 83EFFE

 B5F5FE

 69ECFE

 CFF8FE

 50E9FE

 E8FBFE

 36E6FE

FFFEFE

 1DE2FE

FFFFFFE

 04DFFE

 00DFFE

Harmonies

Analogous

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



A5F3E4



9CF2FE



A9EEFF

Triad

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



9CF2FE



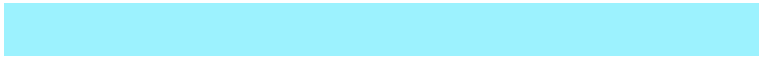
FFD6FD



F7E3B1

Complementary

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



9CF2FE



FEA89C

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.



FFDAB8



9CF2FE



FFD2E4

Square

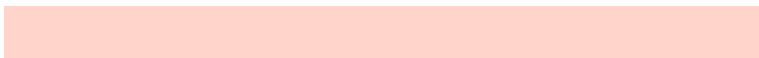
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9CF2FE



EADDF



FFD4CB



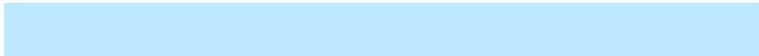
DAEBB8

Rectangle

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



9CF2FE



BCE9FF



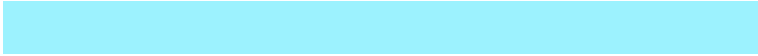
FFD4CB



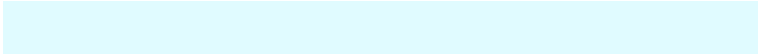
FFE0B2

Sweetspot

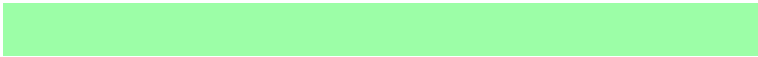
The Sweet Spot groups the original color and five complimentary colors.



9CF2FE



E0FBFF



9CFEA7



6E7D80



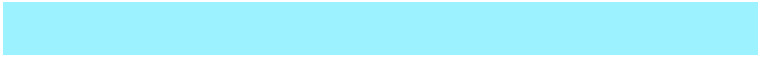
000000



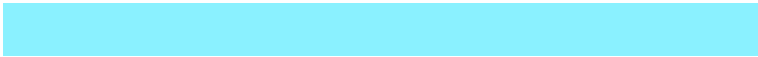
808080

Same Dimension

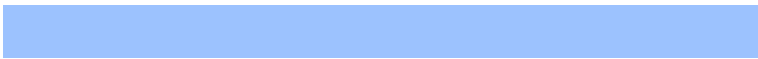
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9CF2FE



8AF1FF



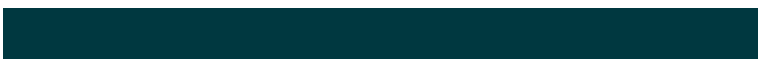
9CC2FE



737E80



00A8BF



003840

Inverse Universe

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



FE9CF2



FF8AF1



FED89C



80737E



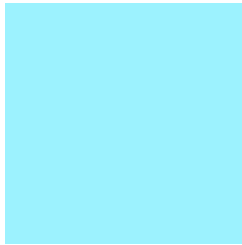
BF00A8



400038

Previews

White Background



This preview shows how the Hex color 9CF2FE looks on a white background.

Color Contrast Check

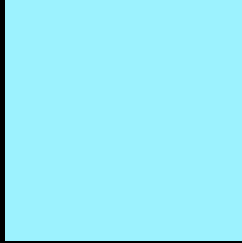
Large Text (above 18pt) WCAG AA × Fail

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 9CF2FE 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 9CF2FE Background



This preview shows how black text looks on a background with the Hex color 9CF2FE.

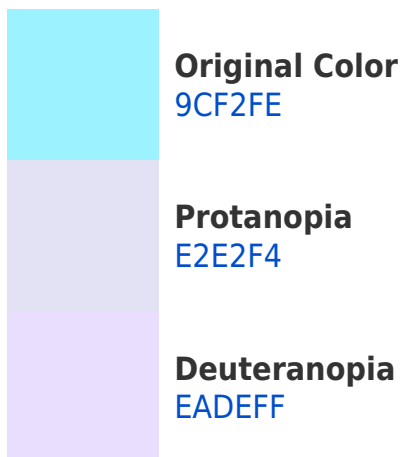


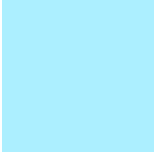
This preview shows how white text looks on a background with the Hex color 9CF2FE.

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



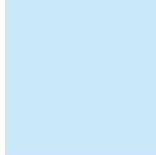


Tritanopia
ACEFFF

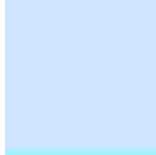
Trichromacy



Original Color
9CF2FE



Protanomaly
C9E8F8



Deuteranomaly
CEE5FF

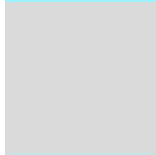


Tritanomaly
A6F0FF

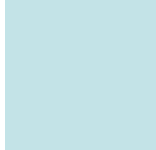
Monochromacy



Original Color
9CF2FE



Achromatopsia
DADADA



Achromatomaly
C3E3E7

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF2FE 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 #9CF2FE looks like.

```
.text, #text, p{  
    color:#9CF2FE  
}
```

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 #9CF2FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF2FE
}
```

Border

The CSS property to change the border of an element to Hex 9CF2FE 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
#9CF2FE }
```

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

```
.border{ border-color:#9CF2FE }
```

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

Here you see how a box with a 4 pixel #9CF2FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF2FE; -webkit-box-shadow:4px 4px  
4px 4px #9CF2FE; box-shadow:4px 4px 4px  
4px #9CF2FE }
```

Background

The CSS property to change the background color of an element to Hex 9CF2FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF2FE }
```

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

```
.background{ background-color:#9CF2FE }
```

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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