

Converting Colors

Hex(9CFDFF)

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

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Color

Hex(9CFDFF)

Conversions

Conversions Part 1

Format	Color
Hex	9CFDFF
RGB	156, 253, 255
RGB Percent	61%, 99%, 100%
CMY	0.3882, 0.0078, 0.0000
CMYK	0.39, 0.01, 0.00, 0.00
HSL	181°, 100%, 81%
HSV	181°, 39%, 100%
XYZ	66.8856, 84.5385, 107.4001
YIQ	224.2250, -58.4540, -19.9420

Conversions

Conversions Part 2

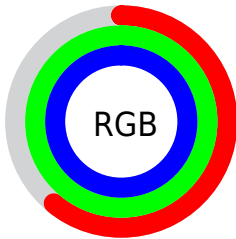
Format	Color
RYB	156, 205, 255
Decimal	10288639
CIELab	93.68, -28.04, -9.98
CIElCh	94, 29.763, 199.587
Yxy	84.5385, 0.2584, 0.3266
Android (android.graphics.Color)	4288478719 (0xFF9CFDFF)
YUV	224.2250, 15.1721, -59.8333
Hunter-Lab	91.9448, -31.0530, -4.8948

Details

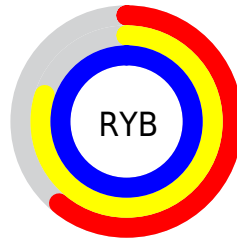
The Hex color **9CFDFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9E9C**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **D6FFFF**, and **62C4C6** is the 20% darker color. If you saturate the color by 10%, you get **83FCFF**, and if you desaturate by 10%, it is **B6FEFF**.

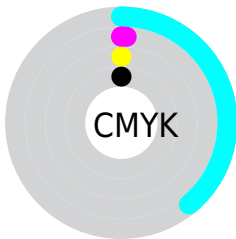
Distribution



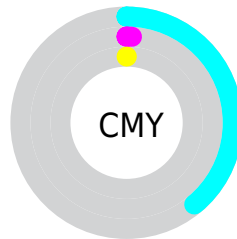
- Red (61%)
- Green (99%)
- Blue (100%)



- Red (61%)
- Yellow (80%)
- Blue (100%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 9CFDFF

 9CFDFF

FFFFFF

 7FE0E2

 D6FFFF

 62C4C6

 F4FFFF

 44A9AB

 218E91

 007477

 005B5E

 004347

 002C30

 00161C

 9CFDFF

 9CFDFF

 83FCFF

 B6FEFF

 69FCFF

 CFFEFF

 50FBFF

 E9FFFF

 36FBFF

FFFFFF

 1DFAFF

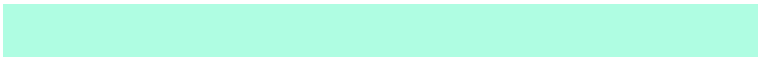
 03FAFF

 00FAFF

Harmonies

Analogous

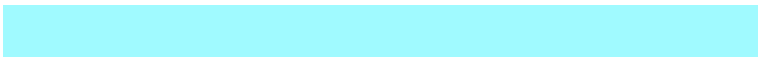
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFFDE2



9CFDFF



A0FAFF

Triad

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



9CFDFF



FFDFFF



FFE8B5

Complementary

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



9CFDFF



FF9E9C

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.



FFDEC2



9CFDFF



FFD9F8

Square

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



9CFDFF



E4E9FF



FFD9DB



EFF1B7

Rectangle

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



9CFDFE



B2F5FF



FFD9DB



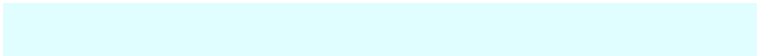
FFE4B8

Sweetspot

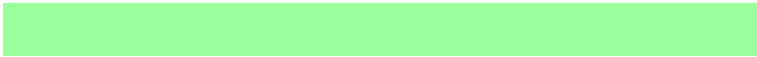
The Sweet Spot groups the original color and five complimentary colors.



9CFDFF



E0FEFF



9CFF9E



6E7F80



000000



808080

Same Dimension

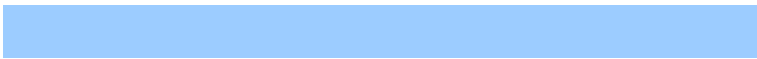
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9CFDFF



87FDFF



9CCCFE



737F80



00BBBF



003E40

Inverse Universe

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



FF9CFD



FF87FD



FFCF9C



80737F



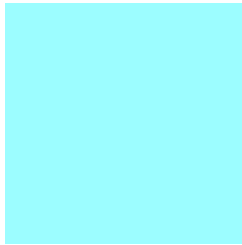
BF00BB



40003E

Previews

White Background



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

Color Contrast Check

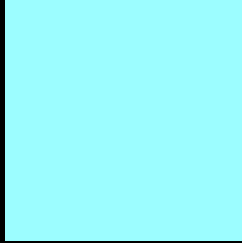
Large Text (above 18pt) WCAG AA × Fail

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 9CFDFF 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 9CFDFF Background



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

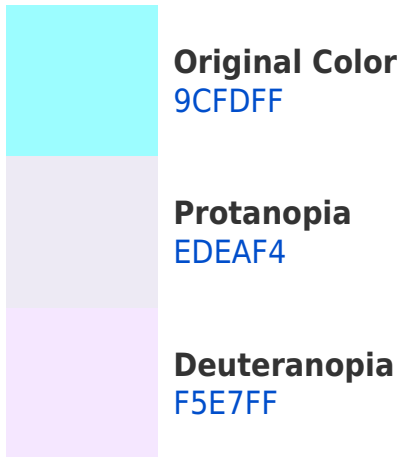


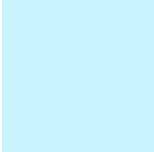
This preview shows how white text looks on a background with the Hex color 9CFDFF.

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



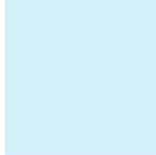


Tritanopia
C8F4FF

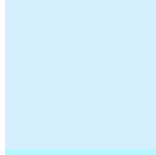
Trichromacy



Original Color
9CFDFF



Protanomaly
D0F1F8



Deuteranomaly
D5EFFF

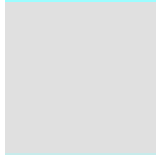


Tritanomaly
B8F7FF

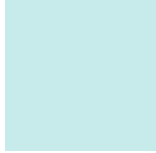
Monochromacy



Original Color
9CFDFF



Achromatopsia
E0E0E0



Achromatomaly
C7EBEB

CSS Examples

Text

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

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

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 #9CFDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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