

Converting Colors

Hex(9DF8FF)

Have a look what the booklet for
Hex(9DF8FF) contains.

Hex(9DF8FF)	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(9DF8FF)

Conversions

Conversions Part 1

Format	Color
Hex	9DF8FF
RGB	157, 248, 255
RGB Percent	62%, 97%, 100%
CMY	0.3843, 0.0275, 0.0000
CMYK	0.38, 0.03, 0.00, 0.00
HSL	184°, 100%, 81%
HSV	184°, 38%, 100%
XYZ	65.5220, 81.5229, 106.8899
YIQ	221.5890, -56.4830, -17.1150

Conversions

Conversions Part 2

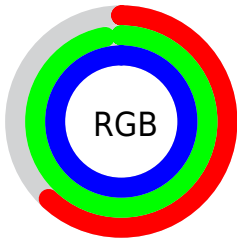
Format	Color
RYB	157, 204, 255
Decimal	10352895
CIELab	92.36, -25.39, -11.94
CIELCh	92, 28.060, 205.179
Yxy	81.5229, 0.2580, 0.3210
Android (android.graphics.Color)	4288542975 (0xFF9DF8FF)
YUV	221.5890, 16.4716, -56.6446
Hunter-Lab	90.2900, -28.4730, -6.9874

Details

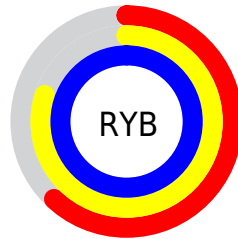
The Hex color **9DF8FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA49D**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **D7FFFF**, and **64BFC6** is the 20% darker color. If you saturate the color by 10%, you get **84F6FF**, and if you desaturate by 10%, it is **B7FAFF**.

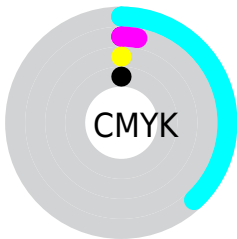
Distribution



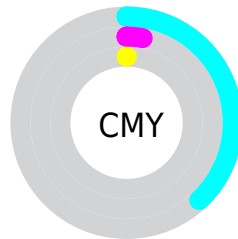
- Red (62%)
- Green (97%)
- Blue (100%)



- Red (62%)
- Yellow (80%)
- Blue (100%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DF8FF 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 9DF8FF by changing the saturation by 10% instead.

 9DF8FF

 9DF8FF

FFFFFF

 80DBE2

 D7FFFF

 64BFC6

 F5FFFF

 46A4AB

 248A91

 007077

 00575E

 003F47

 002930

 00101C

 9DF8FF

 9DF8FF

 84F6FF

 B7FAFF

 6AF4FF

 D0FCFF

 51F3FF

 EAFDFF

 37F1FF

FFFFFF

 1DEFFF

 04EDFF

 00EDFF

Harmonies

Analogous

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



ABF8E4



9DF8FF



A6F4FF

Triad

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



9DF8FF



FFDBFF



FFE6B4

Complementary

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



9DF8FF



FFA49D

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.



FFDDBE



9DF8FF



FFD6EF

Square

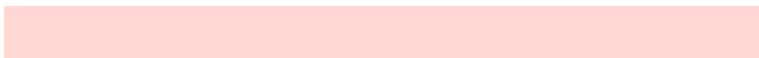
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9DF8FF



E8E4FF



FFD7D3



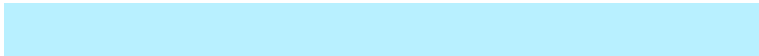
E5EEB8

Rectangle

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



9DF8FF



B8F0FF



FFD7D3



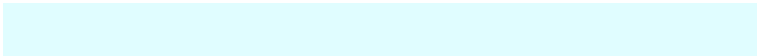
FFE3B5

Sweetspot

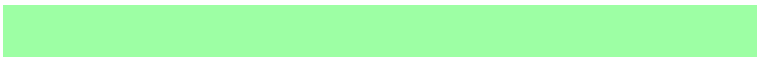
The Sweet Spot groups the original color and five complimentary colors.



9DF8FF



E0DFFF



9DFFA4



6E7E80



000000



808080

Same Dimension

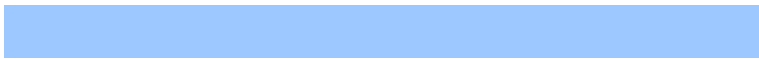
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9DF8FF



8AF7FF



9DC7FF



737F80



00B2BF



003B40

Inverse Universe

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



FF9DF8



FF8AF7



FFD59D



80737F



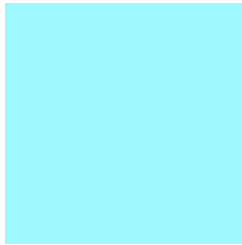
BF00B2



40003B

Previews

White Background



This preview shows how the Hex color 9DF8FF looks on a white background.

Color Contrast Check

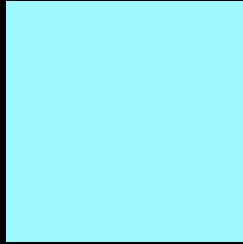
Large Text (above 18pt) WCAG AA × Fail

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 9DF8FF 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 9DF8FF Background



This preview shows how black text looks on a background with the Hex color 9DF8FF.

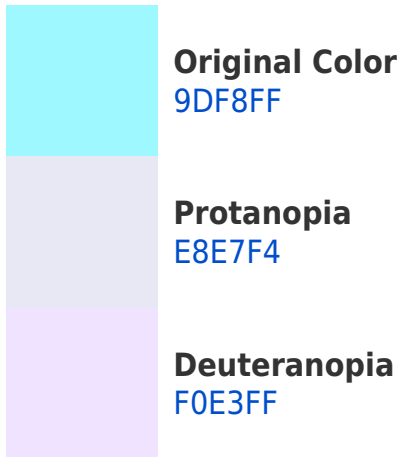


This preview shows how white text looks on a background with the Hex color 9DF8FF.

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



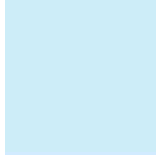


Tritanopia
BCF1FF

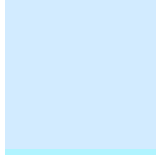
Trichromacy



Original Color
9DF8FF



Protanomaly
CDEDF8



Deuteranomaly
D2EBFF

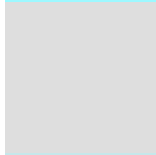


Tritanomaly
B1F4FF

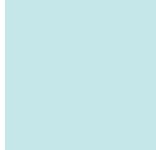
Monochromacy



Original Color
9DF8FF



Achromatopsia
DEDEDE



Achromatomaly
C6E7EA

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DF8FF 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 #9DF8FF looks like.

```
.text, #text, p{  
    color:#9DF8FF  
}
```

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 #9DF8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DF8FF
}
```

Border

The CSS property to change the border of an element to Hex 9DF8FF 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
#9DF8FF }
```

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

```
.border{ border-color:#9DF8FF }
```

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

Here you see how a box with a 4 pixel #9DF8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DF8FF; -webkit-box-shadow:4px 4px  
4px 4px #9DF8FF; box-shadow:4px 4px 4px  
4px #9DF8FF }
```

Background

The CSS property to change the background color of an element to Hex 9DF8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DF8FF }
```

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

```
.background{ background-color:#9DF8FF }
```

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