

Converting Colors

Hex(9FF8FF)

Have a look what the booklet for
Hex(9FF8FF) contains.

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Color

Hex(9FF8FF)

Conversions

Conversions Part 1

Format	Color
Hex	9FF8FF
RGB	159, 248, 255
RGB Percent	62%, 97%, 100%
CMY	0.3765, 0.0275, 0.0000
CMYK	0.38, 0.03, 0.00, 0.00
HSL	184°, 100%, 81%
HSV	184°, 38%, 100%
XYZ	65.9155, 81.7257, 106.9083
YIQ	222.1870, -55.2910, -16.6910

Conversions

Conversions Part 2

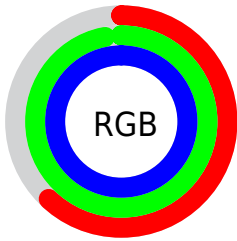
Format	Color
R _Y B	159, 205, 255
Decimal	10483967
CIE _{Lab}	92.45, -24.90, -11.79
CIE _{LCh}	92, 27.551, 205.347
Y _{xy}	81.7257, 0.2589, 0.3211
Android (android.graphics.Color)	4288674047 (0xFF9FF8FF)
Y _{UV}	222.1870, 16.1768, -55.4150
Hunter-Lab	90.4023, -28.0534, -6.8338

Details

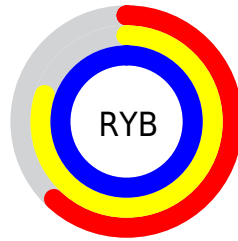
The Hex color **9FF8FF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA69F**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **D9FFFF**, and **66BFC6** is the 20% darker color. If you saturate the color by 10%, you get **85F6FF**, and if you desaturate by 10%, it is **B9FAFF**.

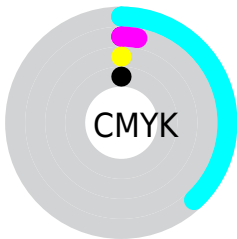
Distribution



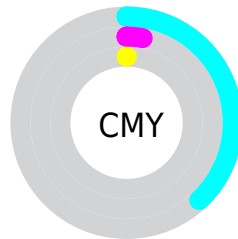
- Red (62%)
- Green (97%)
- Blue (100%)



- 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 9FF8FF 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 9FF8FF by changing the saturation by 10% instead.

 9FF8FF

 9FF8FF

FFFFFF

 82DBE2

 D9FFFF


 66BFC6

 F7FFFF

 49A4AB

 288A91

 007077

 00575E

 003F47

 002930

 00111C

 9FF8FF

 9FF8FF

 85F6FF

 B9FAFF

 6CF4FF

 D2FCFF

 52F2FF

 ECFEFF

 39F1FF

FFFFFF

 1FEFFF

 06EDFF

 00ECFF

Harmonies

Analogous

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



ACF8E4



9FF8FF



A8F4FF

Triad

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



9FF8FF



FFDCFF



FFE6B5

Complementary

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



9FF8FF



FFA69F

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.



FFDEBF



9FF8FF



FFD7EF

Square

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



9FF8FF



E8E4FF



FFD8D4



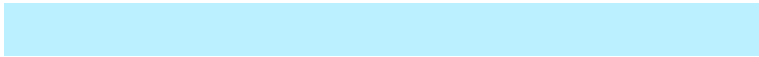
E5EFB9

Rectangle

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



9FF8FF



BAF0FF



FFD8D4



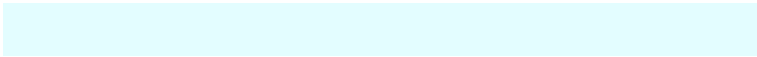
FFE3B7

Sweetspot

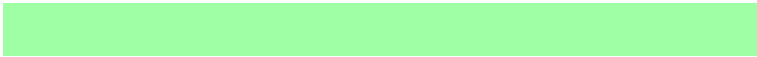
The Sweet Spot groups the original color and five complimentary colors.



9FF8FF



E3DFFF



9FFFA5



6F7E80



000000



808080

Same Dimension

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



9FF8FF



8CF7FF



9FC9FF



737F80



00B1BF



003B40

Inverse Universe

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



FF9FF8



FF8CF7



FFD59F



80737F



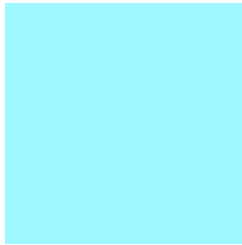
BF00B1



40003B

Previews

White Background



This preview shows how the Hex color 9FF8FF looks on a white background.

Color Contrast Check

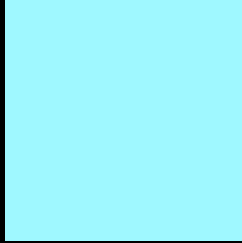
Large Text (above 18pt) WCAG AA × Fail

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 9FF8FF 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 9FF8FF Background



This preview shows how black text looks on a background with the Hex color 9FF8FF.

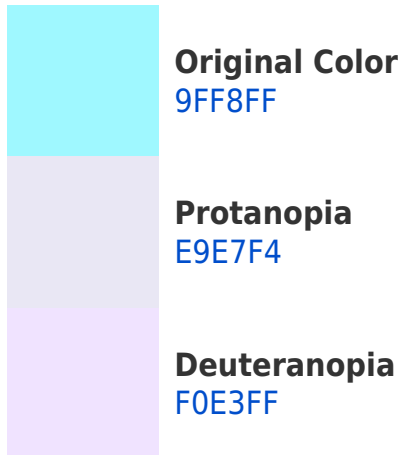


This preview shows how white text looks on a background with the Hex color 9FF8FF.

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



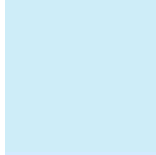


Tritanopia
BEF2FF

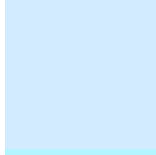
Trichromacy



Original Color
9FF8FF



Protanomaly
CEEDF8



Deuteranomaly
D3EBFF

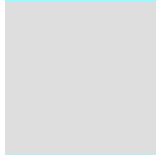


Tritanomaly
B3F4FF

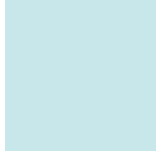
Monochromacy



Original Color
9FF8FF



Achromatopsia
DEDEDE



Achromatomaly
C7E7EA

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FF8FF 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 #9FF8FF looks like.

```
.text, #text, p{  
    color:#9FF8FF  
}
```

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 #9FF8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF8FF
}
```

Border

The CSS property to change the border of an element to Hex 9FF8FF 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
#9FF8FF }
```

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

```
.border{ border-color:#9FF8FF }
```

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

Here you see how a box with a 4 pixel #9FF8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF8FF; -webkit-box-shadow:4px 4px  
4px 4px #9FF8FF; box-shadow:4px 4px 4px  
4px #9FF8FF }
```

Background

The CSS property to change the background color of an element to Hex 9FF8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF8FF }
```

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

```
.background{ background-color:#9FF8FF }
```

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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