

Converting Colors

Hex(9DFBFF)

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

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Color

Hex(9DFBFF)

Conversions

Conversions Part 1

Format	Color
Hex	9DFBFF
RGB	157, 251, 255
RGB Percent	62%, 98%, 100%
CMY	0.3843, 0.0157, 0.0000
CMYK	0.38, 0.02, 0.00, 0.00
HSL	182°, 100%, 81%
HSV	182°, 38%, 100%
XYZ	66.4518, 83.3825, 107.1998
YIQ	223.3500, -57.3080, -18.6840

Conversions

Conversions Part 2

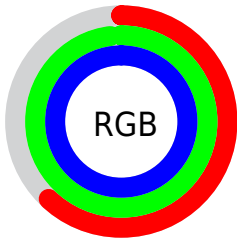
Format	Color
RYB	157, 205, 255
Decimal	10353663
CIELab	93.18, -26.84, -10.72
CIELCh	93, 28.901, 201.773
Yxy	83.3825, 0.2585, 0.3244
Android (android.graphics.Color)	4288543743 (0xFF9DFBFF)
YUV	223.3500, 15.6035, -58.1889
Hunter-Lab	91.3140, -29.8999, -5.6848

Details

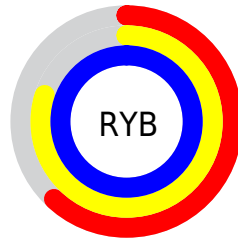
The Hex color **9DFBFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA19D**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **D7FFFF**, and **63C2C6** is the 20% darker color. If you saturate the color by 10%, you get **84FAFF**, and if you desaturate by 10%, it is **B7FCFF**.

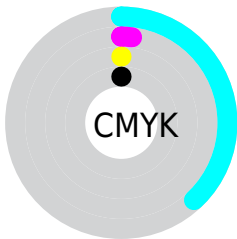
Distribution



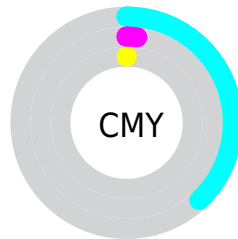
- Red (62%)
- Green (98%)
- Blue (100%)



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



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 9DFBFF

 9DFBFF

FFFFFF

 80DEE2

 D7FFFF

 63C2C6

 F5FFFF

 46A7AB

 238C91

 007277

 005A5E

 004247

 002B30

 00141C

 9DFBFF

 9DFBFF

 84FAFF

 B7FCFF

 6AF9FF

 D0FDFF

 51F8FF

 EAFEFF

 37F7FF

FFFFFF

 1DF6FF

 04F5FF

 00F5FF

Harmonies

Analogous

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



AEFBE2



9DFBFF



A3F7FF

Triad

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



9DFBFF



FFDEFF



FFE7B5

Complementary

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



9DFBFF



FFA19D

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.



FFDEC1



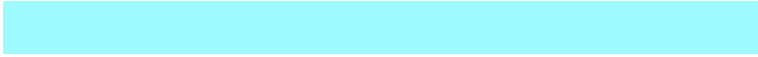
9DFBFF



FFD8F4

Square

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



9DFBFF



E6E7FF



FFD8D8



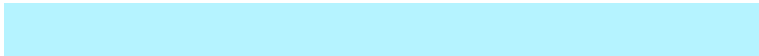
EBF0B7

Rectangle

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



9DFBFF



B5F3FF



FFD8D8



FFE4B7

Sweetspot

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



9DFBFF



E0FEFF



9DFFA0



6E7F80



000000



808080

Same Dimension

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



9DFBFF



8AFAFF



9DCBFF



737F80



00B7BF



003D40

Inverse Universe

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



FF9DFB



FF8AFA



FFD19D



80737F



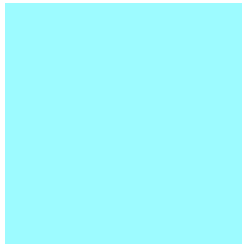
BF00B7



40003D

Previews

White Background



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

Color Contrast Check

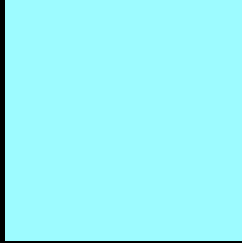
Large Text (above 18pt) WCAG AA × Fail

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 9DFBFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

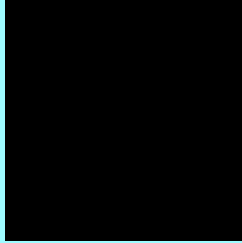
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

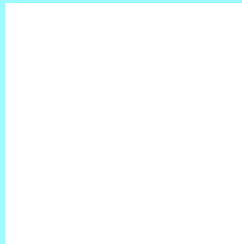
Any Text WCAG AAA ✓ Pass

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

Hex 9DFBFF Background



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

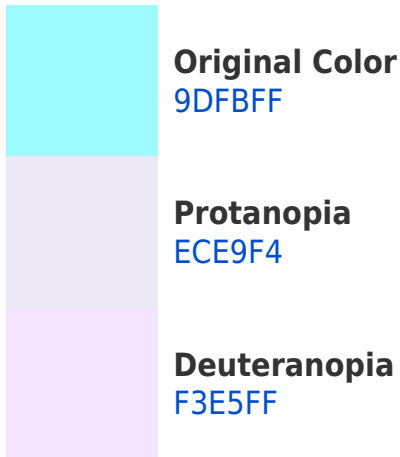


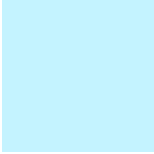
This preview shows how white text looks on a background with the Hex color 9DFBFF.

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



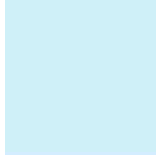


Tritanopia
C4F3FF

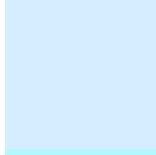
Trichromacy



Original Color
9DFBFF



Protanomaly
CFF0F8



Deuteranomaly
D4EDFF

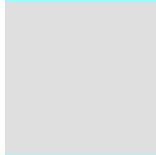


Tritanomaly
B6F6FF

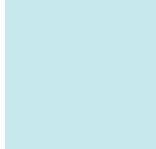
Monochromacy



Original Color
9DFBFF



Achromatopsia
DFDFDF



Achromatomaly
C7E9EB

CSS Examples

Text

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

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

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 #9DFBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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