

Converting Colors

Hex(9BFAFF)

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

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Color

Hex(9BFAFF)

Conversions

Conversions Part 1

Format	Color
Hex	9BFAFF
RGB	155, 250, 255
RGB Percent	61%, 98%, 100%
CMY	0.3922, 0.0196, 0.0000
CMYK	0.39, 0.02, 0.00, 0.00
HSL	183°, 100%, 80%
HSV	183°, 39%, 100%
XYZ	65.7532, 82.5598, 107.0778
YIQ	222.1650, -58.2250, -18.5850

Conversions

Conversions Part 2

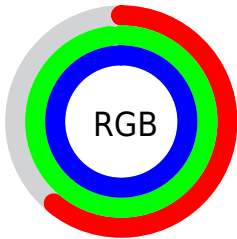
Format	Color
RYB	155, 204, 255
Decimal	10222335
CIELab	92.82, -26.85, -11.27
CIELCh	93, 29.115, 202.764
Yxy	82.5598, 0.2575, 0.3233
Android (android.graphics.Color)	4288412415 (0xFF9BFAFF)
YUV	222.1650, 16.1877, -58.9037
Hunter-Lab	90.8624, -29.8365, -6.2673

Details

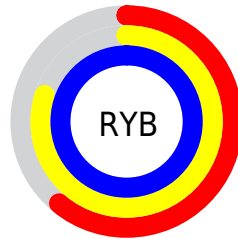
The Hex color **9BFAFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA09B**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **D5FFFF**, and **61C1C6** is the 20% darker color. If you saturate the color by 10%, you get **82F9FF**, and if you desaturate by 10%, it is **B4FBFF**.

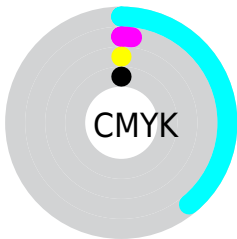
Distribution



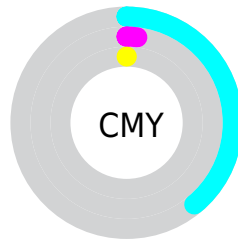
- Red (61%)
- Green (98%)
- Blue (100%)



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



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 9BFAFF

 9BFAFF

FFFFFF

 7EDDE2

 D5FFFF

 61C1C6

 F3FFFF

 43A6AB

 1F8B91

 007277

 00595E

 004147

 002A30

 00131C

 9BFAFF

 9BFAFF

 82F9FF

 B4FBFF

 68F7FF

 CEFDFE

 4FF6FF

 E8FEFF

 35F5FF

FFFFFF

 1BF4FF

 02F2FF

 00F2FF

Harmonies

Analogous

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



ACFAE2



9BFAFF



A2F6FF

Triad

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



9BFAFF



FFDCFF



FFE6B3

Complementary

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



9BFAFF



FFA09B

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.



FFDDBF



9BFAFF



FFD7F2

Square

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



9BFAFF



E6E6FF



FFD7D6



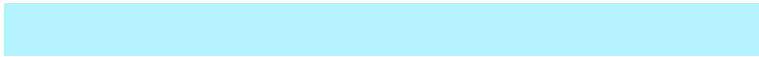
E9EFB6

Rectangle

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



9BFAFF



B4F2FF



FFD7D6



FFE3B6

Sweetspot

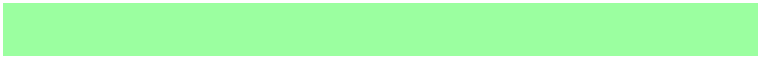
The Sweet Spot groups the original color and five complimentary colors.



9BFAFF



E0DFF



9BFFA0



6E7F80



000000



808080

Same Dimension

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



9BFAFF



87F9FF



9BC8FF



737F80



00B6BF



003D40

Inverse Universe

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



FF9BFA



FF87F9



FFD29B



80737F



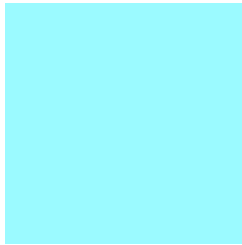
BF00B6



40003D

Previews

White Background



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

Color Contrast Check

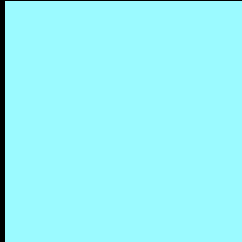
Large Text (above 18pt) WCAG AA × Fail

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 9BFAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

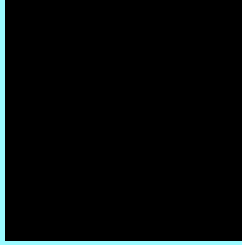
Any Text WCAG AA ✓ Pass

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 9BFAFF Background



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

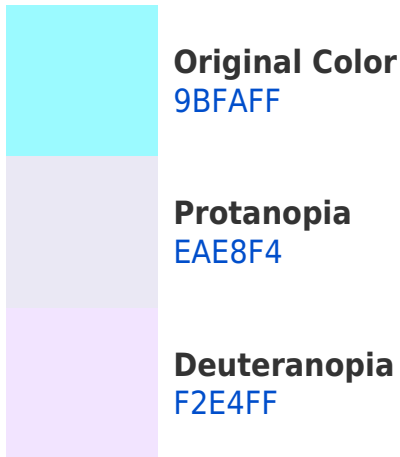


This preview shows how white text looks on a background with the Hex color 9BFAFF.

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



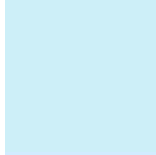


Tritanopia
C0F2FF

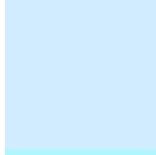
Trichromacy



Original Color
9BFAFF



Protanomaly
CDEFF8



Deuteranomaly
D2ECFF

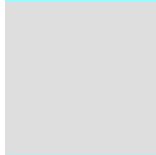


Tritanomaly
B3F5FF

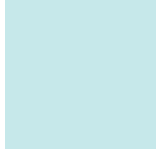
Monochromacy



Original Color
9BFAFF



Achromatopsia
DEDEDE



Achromatomaly
C6E8EA

CSS Examples

Text

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

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

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 #9BFAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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