

# Converting Colors

Hex(9AFAFF)

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

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# **Color**

**Hex(9AFAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AFAFF
RGB	154, 250, 255
RGB Percent	60%, 98%, 100%
CMY	0.3961, 0.0196, 0.0000
CMYK	0.40, 0.02, 0.00, 0.00
HSL	183°, 100%, 80%
HSV	183°, 40%, 100%
XYZ	65.5620, 82.4612, 107.0689
YIQ	221.8660, -58.8210, -18.7970

# Conversions

## Conversions Part 2

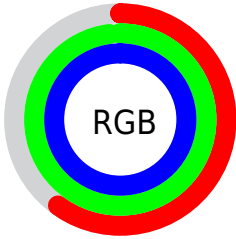
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 203, 255
Decimal	10156799
CIELab	92.78, -27.09, -11.33
CIELCh	93, 29.365, 202.706
Yxy	82.4612, 0.2570, 0.3233
Android (android.graphics.Color)	4288346879 (0xFF9AFAFF)
YUV	221.8660, 16.3351, -59.5185
Hunter-Lab	90.8082, -30.0402, -6.3411

# Details

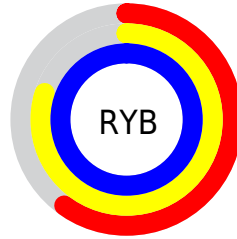
The Hex color **9AFAFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9F9A**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **D4FFFF**, and **60C1C6** is the 20% darker color. If you saturate the color by 10%, you get **81F9FF**, and if you desaturate by 10%, it is **B3FBFF**.

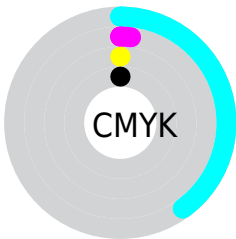
# Distribution



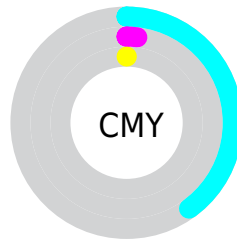
- Red (60%)
- Green (98%)
- Blue (100%)



- Red (60%)
- Yellow (80%)
- Blue (100%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 9AFAFF

 9AFAFF

FFFFFF

 7DDDE2

 D4FFFF

 60C1C6

 F2FFFF

 42A6AB

 1D8B91

 007277

 00595E

 004147

 002A30

 00121C

 9AFAFF

 9AFAFF

 81F9FF

 B3FBFF

 67F7FF

 CDFDFF

 4EF6FF

 E7FEFF

 34F5FF

FFFFFF

 1AF4FF

 01F2FF

 00F2FF

# Harmonies

## Analogous

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



ABFAE2



9AFAFF



A1F6FF

# Triad

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



9AFAFF



FFDCFF



FFE6B3

# Complementary

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



9AFAFF



FF9F9A

# 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



9AFAFF



FFD7F2

# Square

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



9AFAFF



E6E5FF



FFD7D6



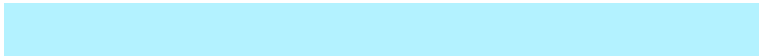
E9EFB6

# Rectangle

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



9AFAFF



B3F2FF



FFD7D6



FFE3B5

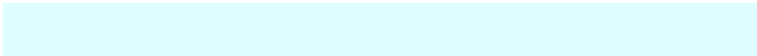


# Sweetspot

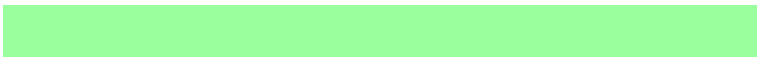
The Sweet Spot groups the original color and five complimentary colors.



9AFAFF



E0DFFF



9AFF9D



6E7F80



000000



808080



# Same Dimension

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



9AFAFF



85F9FF



9AC9FF



737F80



00B6BF



003D40



# Inverse Universe

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



FF9AFA



FF85F9



FFD09A



80737F



BF00B6

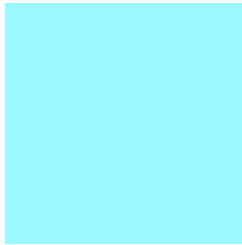


40003D



# Previews

## White Background



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

## Color Contrast Check

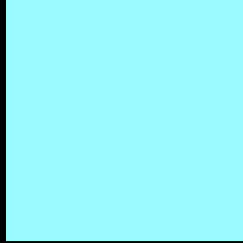
Large Text (above 18pt) WCAG AA × Fail

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 9AFAFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

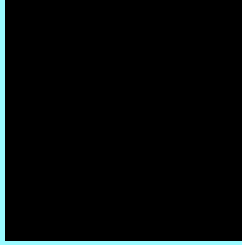
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

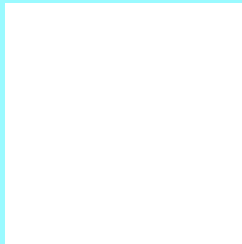
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9AFAFF Background



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

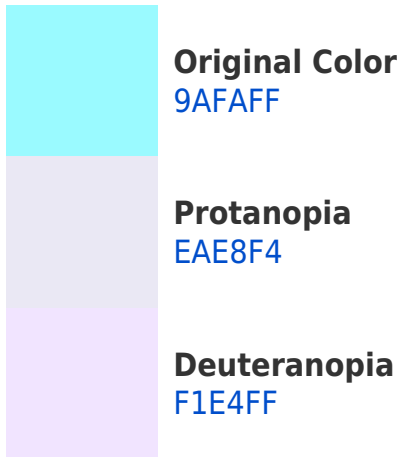


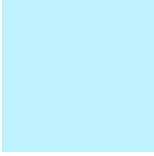
This preview shows how white text looks on a background with the Hex color 9AFAFF.

# 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



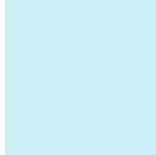


**Tritanopia**  
BFF2FF

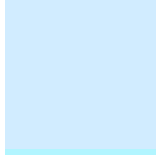
# Trichromacy



**Original Color**  
9AFAFF



**Protanomaly**  
CDEFF8



**Deuteranomaly**  
D1ECFF

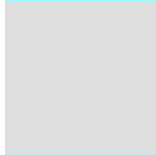


**Tritanomaly**  
B2F5FF

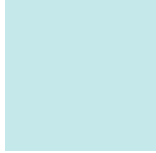
# Monochromacy



**Original Color**  
9AFAFF



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
C5E8EA

# CSS Examples

## Text

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

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

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 #9AFAFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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