

# Converting Colors

Hex(9AF9FE)

Have a look what the booklet for  
Hex(9AF9FE) contains.

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# **Color**

**Hex(9AF9FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AF9FE
RGB	154, 249, 254
RGB Percent	60%, 98%, 100%
CMY	0.3961, 0.0235, 0.0039
CMYK	0.39, 0.02, 0.00, 0.00
HSL	183°, 98%, 80%
HSV	183°, 39%, 100%
XYZ	65.0915, 81.7771, 106.1198
YIQ	221.1650, -58.2250, -18.5850

# Conversions

## Conversions Part 2

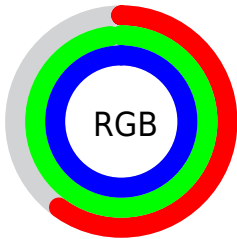
Format	Color
R <sub>Y</sub> B	154, 203, 254
Decimal	10156542
CIE Lab	92.48, -26.85, -11.27
CIE LCh	92, 29.116, 202.763
Yxy	81.7771, 0.2573, 0.3232
Android (android.graphics.Color)	4288346622 (0xFF9AF9FE)
YUV	221.1650, 16.1877, -58.9037
Hunter-Lab	90.4307, -29.7705, -6.2749

# Details

The Hex color **9AF9FE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FE9F9A**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **D4FFFF**, and **60C0C5** is the 20% darker color. If you saturate the color by 10%, you get **81F8FE**, and if you desaturate by 10%, it is **B3FAFE**.

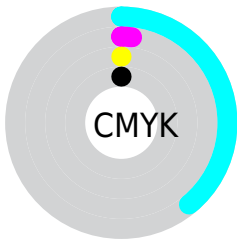
# Distribution



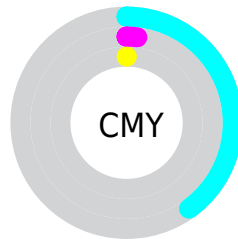
- Red (60%)
- Green (98%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AF9FE 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 9AF9FE by changing the saturation by 10% instead.



 9AF9FE

FFFFFF

 D4FFFF

 F2FFFF

 9AF9FE

 7DDCE1

 60C0C5

 42A5AA

 1E8A90

 007176

 00585D

 004046

 002930

 00111B

 9AF9FE

 9AF9FE

 81F8FE

 B3FAFE

 67F6FE

 CDFCFE

 4EF5FE

 E6FD FE

 34F4FE

FFFEFE

 1BF3FE

FFFFFFE

 02F1FE

 00F1FE

# Harmonies

## Analogous

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



ABF9E1



9AF9FE



A1F5FF

# Triad

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



9AF9FE



FFDBFF



FFE5B2

# Complementary

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



9AF9FE



FE9F9A

# 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.



FFDCBE



9AF9FE



FFD6F1

# Square

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



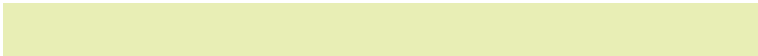
9AF9FE



E5E5FF



FFD6D5



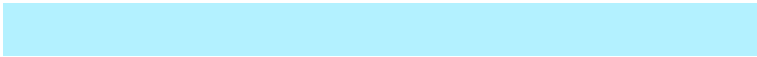
E8EEB5

# Rectangle

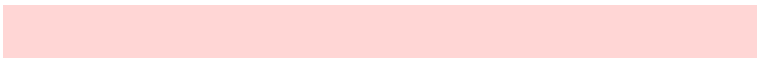
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9AF9FE



B3F1FF



FFD6D5



FFE2B5

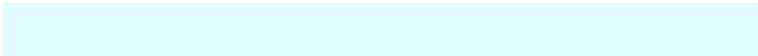


# Sweetspot

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



9AF9FE



E0DFFF



9AFE9F



6E7F80



000000



808080



# Same Dimension

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



9AF9FE



87F9FF



9AC7FE



737F80



00B6BF



003D40



# Inverse Universe

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



FE9AF9



FF87F9



FED19A



80737F



BF00B6

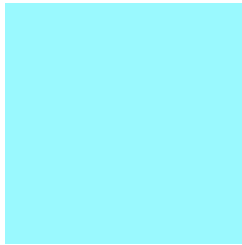


40003D



# Previews

## White Background



This preview shows how the Hex color 9AF9FE looks on a white background.

## Color Contrast Check

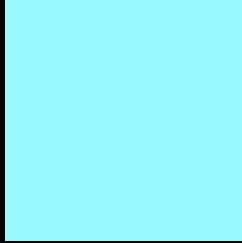
Large Text (above 18pt) WCAG AA × Fail

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 9AF9FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

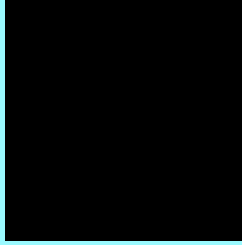
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AF9FE Background



This preview shows how black text looks on a background with the Hex color 9AF9FE.

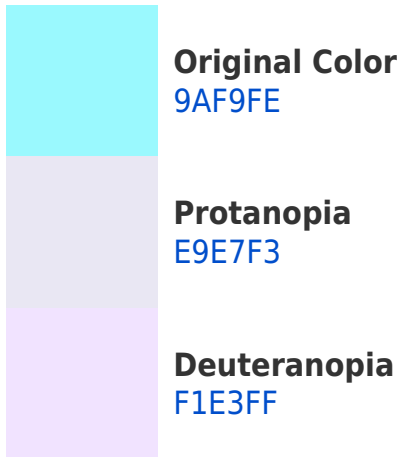


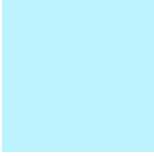
This preview shows how white text looks on a background with the Hex color 9AF9FE.

# 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



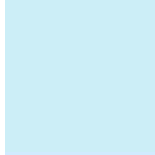


**Tritanopia**  
BDF2FF

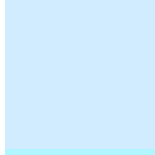
# Trichromacy



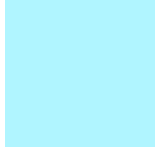
**Original Color**  
9AF9FE



**Protanomaly**  
CCEEF7



**Deuteranomaly**  
D1EBFF

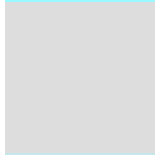


**Tritanomaly**  
B0F5FF

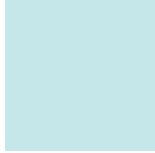
# Monochromacy



**Original Color**  
9AF9FE



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
C5E7E9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AF9FE 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 #9AF9FE looks like.

```
.text, #text, p{  
    color:#9AF9FE  
}
```

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 #9AF9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AF9FE
}
```

## Border

The CSS property to change the border of an element to Hex 9AF9FE 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
#9AF9FE }
```

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

```
.border{ border-color:#9AF9FE }
```

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

Here you see how a box with a 4 pixel #9AF9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AF9FE; -webkit-box-shadow:4px 4px  
4px 4px #9AF9FE; box-shadow:4px 4px 4px  
4px #9AF9FE }
```

# Background

The CSS property to change the background color of an element to Hex 9AF9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AF9FE }
```

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

```
.background{ background-color:#9AF9FE }
```

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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