

Converting Colors

Hex(9AF0F9)

Have a look what the booklet for
Hex(9AF0F9) contains.

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Color

Hex(9AF0F9)

Conversions

Conversions Part 1

Format	Color
Hex	9AF0F9
RGB	154, 240, 249
RGB Percent	60%, 94%, 98%
CMY	0.3961, 0.0588, 0.0235
CMYK	0.38, 0.04, 0.00, 0.02
HSL	186°, 89%, 79%
HSV	186°, 38%, 98%
XYZ	61.5854, 76.0298, 101.0518
YIQ	215.3120, -54.1450, -15.4330

Conversions

Conversions Part 2

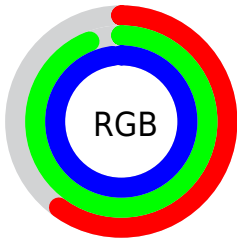
Format	Color
RYB	154, 199, 249
Decimal	10154233
CIELab	89.87, -23.69, -12.55
CIElCh	90, 26.804, 207.907
Yxy	76.0298, 0.2580, 0.3186
Android (android.graphics.Color)	4288344313 (0xFF9AF0F9)
YUV	215.3120, 16.6082, -53.7706
Hunter-Lab	87.1950, -26.5177, -7.6757

Details

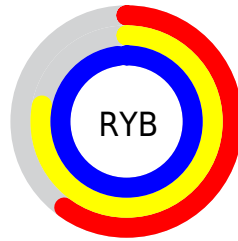
The Hex color **9AF0F9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F9A39A**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **D4FFFF**, and **61B8C1** is the 20% darker color. If you saturate the color by 10%, you get **81EEF9**, and if you desaturate by 10%, it is **B3F2F9**.

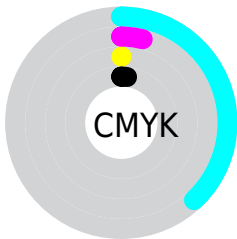
Distribution



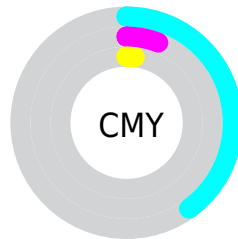
- Red (60%)
- Green (94%)
- Blue (98%)



- Red (60%)
- Yellow (78%)
- Blue (98%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AF0F9 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 9AF0F9 by changing the saturation by 10% instead.

 9AF0F9

 9AF0F9

FFFFFF

 7ED4DC

 D4FFFF

 61B8C1

 F1FFFF

 449DA5

 23828B

 006972

 005159

 003942

 00242C

 000118

 9AF0F9

 9AF0F9

 81EEF9

 B3F2F9

 68EBF9

 CCF5F9

 4FE9F9

 E5F7F9

 36E7F9

 FEF9F9

 1DE4F9

 FFFCF9

 05E2F9

 FFFE99

 00E1F9

 FFFFF9

Harmonies

Analogous

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



A5F1DF



9AF0F9



A5ECFF

Triad

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



9AF0F9



FFD4FE



F7E0AF

Complementary

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



9AF0F9



F9A39A

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.



FFD7B8



9AF0F9



FFD0E5

Square

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



9AF0F9



E4DCFF



FFD1CB



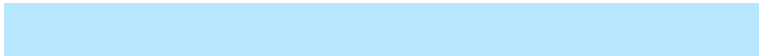
DCE8B4

Rectangle

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



9AF0F9



B6E7FF



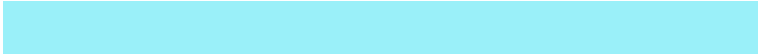
FFD1CB



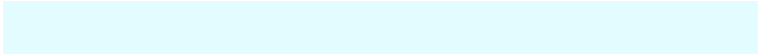
FFDDB0

Sweetspot

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



9AF0F9



E3FCFF



9AF9A2



6F7E80



000000



808080

Same Dimension

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



9AF0F9



8AF4FF



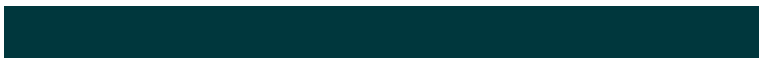
9AC2F9



707C7D



00ABBD



00373D

Inverse Universe

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



F99AF0



FF8AF4



F9D19A



7D707C



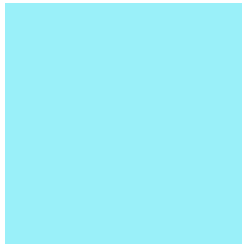
BD00AB



3D0037

Previews

White Background



This preview shows how the Hex color 9AF0F9 looks on a white background.

Color Contrast Check

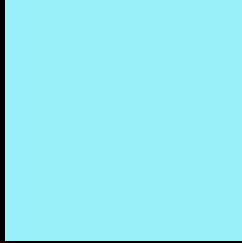
Large Text (above 18pt) WCAG AA × Fail

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 9AF0F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

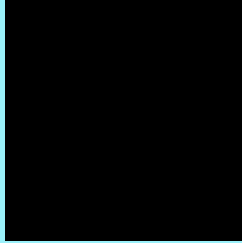
Any Text WCAG AA ✓ Pass

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 9AF0F9 Background



This preview shows how black text looks on a background with the Hex color 9AF0F9.



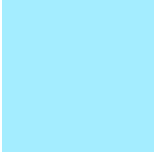
This preview shows how white text looks on a background with the Hex color 9AF0F9.

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



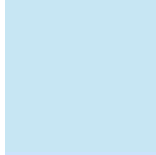


Tritanopia
A4EDFF

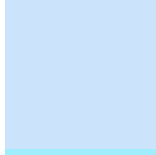
Trichromacy



Original Color
9AF0F9



Protanomaly
C7E6F3



Deuteranomaly
CCE3FC

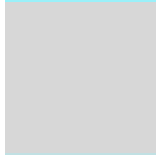


Tritanomaly
A0EEFD

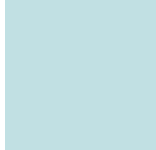
Monochromacy



Original Color
9AF0F9



Achromatopsia
D7D7D7



Achromatomaly
C1E0E3

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AF0F9 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 #9AF0F9 looks like.

```
.text, #text, p{  
    color:#9AF0F9  
}
```

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 #9AF0F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AF0F9  
}
```

Border

The CSS property to change the border of an element to Hex 9AF0F9 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  
#9AF0F9 }
```

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

```
.border{ border-color:#9AF0F9 }
```

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

Here you see how a box with a 4 pixel #9AF0F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AF0F9; -webkit-box-shadow:4px 4px  
4px 4px #9AF0F9; box-shadow:4px 4px 4px  
4px #9AF0F9 }
```

Background

The CSS property to change the background color of an element to Hex 9AF0F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AF0F9 }
```

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

```
.background{ background-color:#9AF0F9 }
```

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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