

# Converting Colors

Hex(009AFA)

Have a look what the booklet for  
Hex(009AFA) contains.

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# **Color**

**Hex(009AFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009AFA
RGB	0, 154, 250
RGB Percent	0%, 60%, 98%
CMY	1.0000, 0.3961, 0.0196
CMYK	1.00, 0.38, 0.00, 0.02
HSL	203°, 100%, 49%
HSV	203°, 100%, 98%
XYZ	28.8109, 30.0133, 94.7171
YIQ	118.8980, -122.6000, -2.7920

# Conversions

## Conversions Part 2

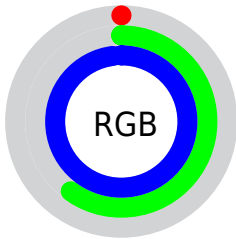
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 95, 250
Decimal	39674
CIELab	61.67, 1.11, -57.01
CIELCh	62, 57.025, 271.113
Yxy	30.0133, 0.1876, 0.1955
Android (android.graphics.Color)	4278229754 (0xFF009AFA)
YUV	118.8980, 64.6333, -104.2735
Hunter-Lab	54.7844, -2.0003, -64.1578

# Details

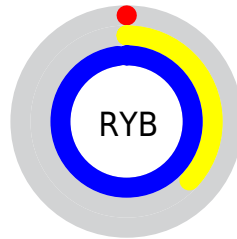
The Hex color **009AFA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FA6000**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6FD0FF**, and **0068C1** is the 20% darker color. If you saturate the color by 10%, you get **009AFA**, and if you desaturate by 10%, it is **19A4FA**.

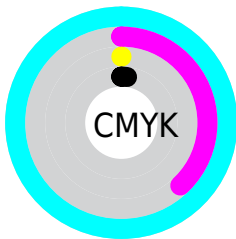
# Distribution



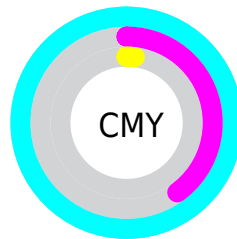
- Red (0%)
- Green (60%)
- Blue (98%)



- Red (0%)
- Yellow (37%)
- Blue (98%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (40%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 009AFA 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 009AFA by changing the saturation by 10% instead.



 009AFA

 009AFA

FFFFFF

 0080DD

 6FD0FF

 0068C1

 91ECFF

 0050A5

 B1FFFF

 003A8A

 D1FFFF

 002670

 F1FFFF

 001057

 00063F

 000328

 000112

 009AFA

 19A4FA

 32ADFA

 4BB7FA

 64C0FA

 7DCAFA

 96D4FA

 AFDDFA

 C8E7FA

 E1F0FA

# Harmonies

## Analogous

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



00A7ED



009AFA



9887EC

# Triad

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



009AFA



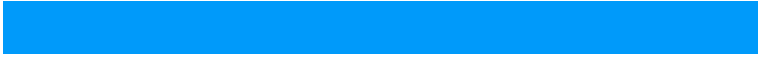
EE6D64



2DAA62

# Complementary

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



009AFA



FA6000

# 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.



7BA138



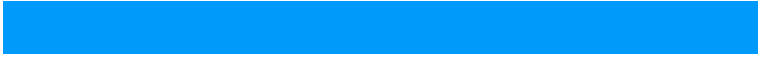
009AFA



D6803B

# Square

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



009AFA



EF6695



AE9327



00AD95

# Rectangle

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



009AFA



C478D5



AE9327



4FA752

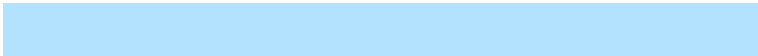


# Sweetspot

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



009AFA



B3E2FF



00FA60



526E80



000000



808080

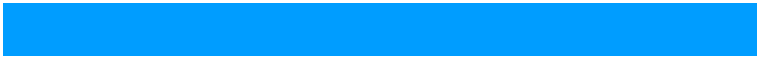


# Same Dimension

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



009AFA



009DFF



001DFA



70787D



0074BD



00263D



# Inverse Universe

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



FA009A



FF009D



FADD00



7D7078



BD0074



3D0026



# Previews

## White Background



This preview shows how the Hex color 009AFA looks on a white background.

## Color Contrast Check

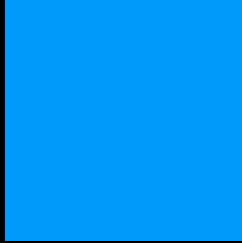
Large Text (above 18pt) WCAG AA ✓ Pass

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 009AFA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

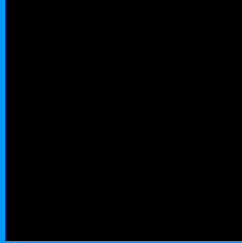
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

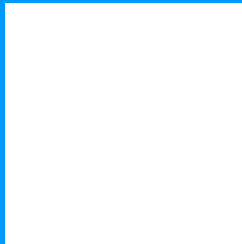
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 009AFA Background



This preview shows how black text looks on a background with the Hex color 009AFA.

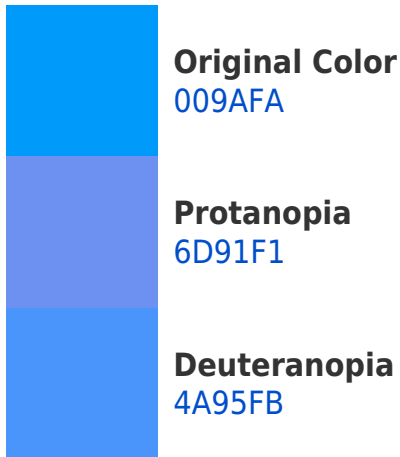


This preview shows how white text looks on a background with the Hex color 009AFA.

# 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**  
00A5B0

# Trichromacy



**Original Color**

009AFA



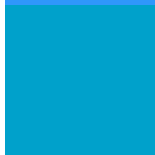
**Protanomaly**

4594F4



**Deuteranomaly**

2F97FB



**Tritanomaly**

00A1CB

# Monochromacy



**Original Color**

009AFA



**Achromatopsia**

777777



**Achromatomaly**

4C84A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009AFA 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 #009AFA looks like.

```
.text, #text, p{  
    color:#009AFA  
}
```

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 #009AFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009AFA
}
```

## Border

The CSS property to change the border of an element to Hex 009AFA 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
#009AFA }
```

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

```
.border{ border-color:#009AFA }
```

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

Here you see how a box with a 4 pixel #009AFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009AFA; -webkit-box-shadow:4px 4px  
4px 4px #009AFA; box-shadow:4px 4px 4px  
4px #009AFA }
```

# Background

The CSS property to change the background color of an element to Hex 009AFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009AFA }
```

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

```
.background{ background-color:#009AFA }
```

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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