

# Converting Colors

Hex(009AF9)

Have a look what the booklet for  
Hex(009AF9) contains.

<b>Hex(009AF9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(009AF9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009AF9
RGB	0, 154, 249
RGB Percent	0%, 60%, 98%
CMY	1.0000, 0.3961, 0.0235
CMYK	1.00, 0.38, 0.00, 0.02
HSL	203°, 100%, 49%
HSV	203°, 100%, 98%
XYZ	28.6545, 29.9508, 93.8934
YIQ	118.7840, -122.2790, -3.1030

# Conversions

## Conversions Part 2

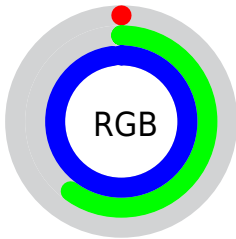
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 95, 249
Decimal	39673
CIE Lab	61.61, 0.73, -56.55
CIE LCh	62, 56.557, 270.741
Yxy	29.9508, 0.1879, 0.1964
Android (android.graphics.Color)	4278229753 (0xFF009AF9)
YUV	118.7840, 64.1965, -104.1736
Hunter-Lab	54.7273, -2.3125, -63.4123

# Details

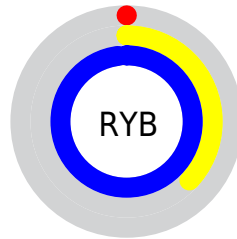
The Hex color **009AF9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F95F00**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6FD0FF**, and **0068C0** is the 20% darker color. If you saturate the color by 10%, you get **009AF9**, and if you desaturate by 10%, it is **19A4F9**.

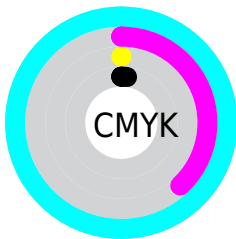
# Distribution



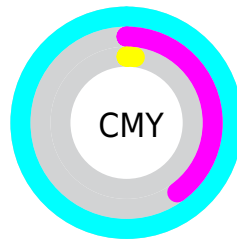
- Red (0%)
- Green (60%)
- Blue (98%)



- 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 009AF9 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 009AF9 by changing the saturation by 10% instead.



 009AF9

 009AF9

FFFFFF

 0080DC

 6FD0FF

 0068C0

 90ECFF

 0050A4

 B1FFFF

 003A8A

 D1FFFF

 002670

 F0FFFF

 001057

 00063E

 000327

 000111

 009AF9

 19A4F9

 32ADF9

 4BB7F9

 64C0F9

 7DCAF9

 95D3F9

 AEDDF9

 C7E6F9

 E0F0F9

# Harmonies

## Analogous

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



00A6EC



009AF9



9787EB

# Triad

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



009AF9



ED6D65



30A962

# Complementary

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



009AF9



F95F00

# 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.



7CA138



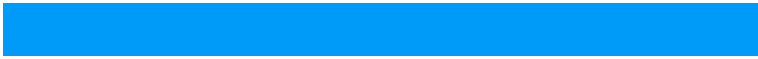
009AF9



D6803C

# Square

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



009AF9



EE6796



AE9328



00AD95

# Rectangle

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



009AF9



C379D5



AE9328



51A752

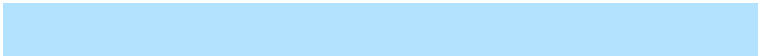


# Sweetspot

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



009AF9



B3E2FF



00F95B



526E80



000000



808080

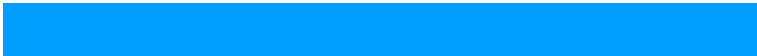


# Same Dimension

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



009AF9



009EFF



0021F9



70787D



0075BD



00263D



# Inverse Universe

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



F9009A



FF009E



F9D800



7D7078



BD0075



3D0026



# Previews

## White Background



This preview shows how the Hex color 009AF9 looks on a white background.

## Color Contrast Check

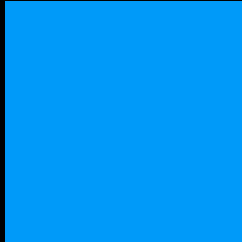
Large Text (above 18pt) WCAG AA ✓ Pass

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 009AF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

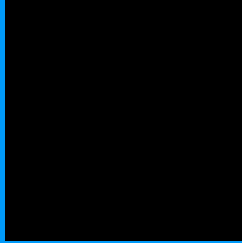
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

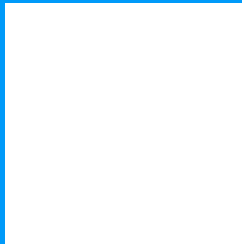
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 009AF9 Background



This preview shows how black text looks on a background with the Hex color 009AF9.

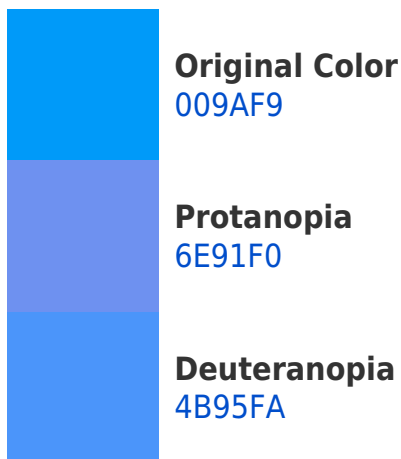


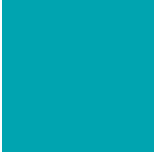
This preview shows how white text looks on a background with the Hex color 009AF9.

# 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**  
00A4B0

# Trichromacy



**Original Color**  
009AF9

**Protanomaly**  
4694F3

**Deuteranomaly**  
3097FA

**Tritanomaly**  
00A0CB

# Monochromacy



**Original Color**  
009AF9

**Achromatopsia**  
777777

**Achromatomaly**  
4C84A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009AF9 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 #009AF9 looks like.

```
.text, #text, p{  
    color:#009AF9  
}
```

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 #009AF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009AF9
}
```

## Border

The CSS property to change the border of an element to Hex 009AF9 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
#009AF9 }
```

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

```
.border{ border-color:#009AF9 }
```

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

Here you see how a box with a 4 pixel #009AF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009AF9; -webkit-box-shadow:4px 4px  
4px 4px #009AF9; box-shadow:4px 4px 4px  
4px #009AF9 }
```

# Background

The CSS property to change the background color of an element to Hex 009AF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009AF9 }
```

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

```
.background{ background-color:#009AF9 }
```

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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