

Converting Colors

Hex(009AFD)

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

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Color

Hex(009AFD)

Conversions

Conversions Part 1

Format	Color
Hex	009AFD
RGB	0, 154, 253
RGB Percent	0%, 60%, 99%
CMY	1.0000, 0.3961, 0.0078
CMYK	1.00, 0.39, 0.00, 0.01
HSL	203°, 100%, 50%
HSV	203°, 100%, 99%
XYZ	29.2852, 30.2031, 97.2148
YIQ	119.2400, -123.5630, -1.8590

Conversions

Conversions Part 2

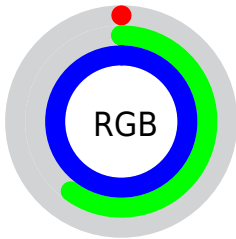
Format	Color
RYB	0, 96, 253
Decimal	39677
CIELab	61.83, 2.24, -58.40
CIELCh	62, 58.439, 272.194
Yxy	30.2031, 0.1869, 0.1927
Android (android.graphics.Color)	4278229757 (0xFF009AFD)
YUV	119.2400, 65.9437, -104.5735
Hunter-Lab	54.9573, -1.0576, -66.4088

Details

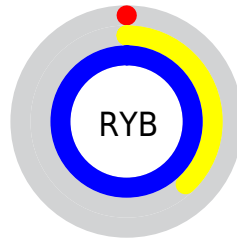
The Hex color **009AFD** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FD6300**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **70D0FF**, and **0068C4** is the 20% darker color. If you saturate the color by 10%, you get **009AFD**, and if you desaturate by 10%, it is **19A4FD**.

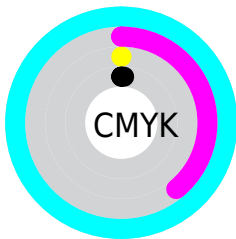
Distribution



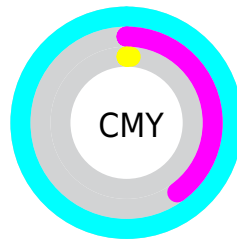
- Red (0%)
- Green (60%)
- Blue (99%)



- Red (0%)
- Yellow (38%)
- Blue (99%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (40%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 009AFD

FFFFFF


 70D0FF

 92ECFF

 B2FFFF

 D2FFFF

 F2FFFF

 009AFD

 0080E0


 0068C4

 0050A8

 003A8D

 002673

 00115A

 000741

 00032A

 000115

 009AFD

 19A4FD

 33AEFD

 4CB8FD

 65C2FD

 7FCCFD

 98D5FD

 B1DFFD

 CAE9FD

 E4F3FD

Harmonies

Analogous

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



00A7F0



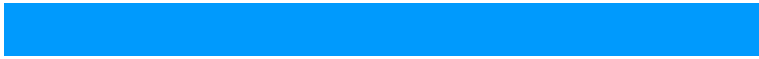
009AFD



9B86ED

Triad

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



009AFD



EF6D61



22AB63

Complementary

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



009AFD



FD6300

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.



78A237



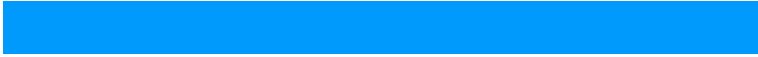
009AFD



D68138

Square

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



009AFD



F26594



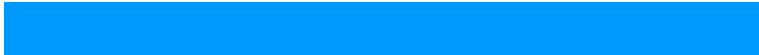
AD9423



00AE98

Rectangle

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



009AFD



C777D5



AD9423



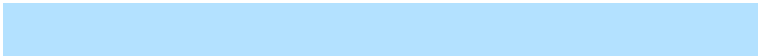
4AA853

Sweetspot

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



009AFD



B3E1FF



00FD61



526E80



000000



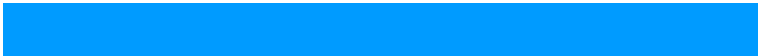
808080

Same Dimension

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



009AFD



009BFF



001EFD



737B80



0074BF



002740

Inverse Universe

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



FD009A



FF009B



FDDF00



80737B



BF0074



400027

Previews

White Background



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

Color Contrast Check

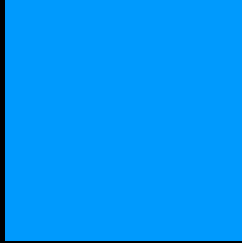
Large Text (above 18pt) WCAG AA × Fail

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 009AFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

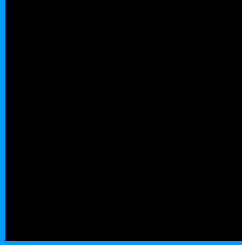
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

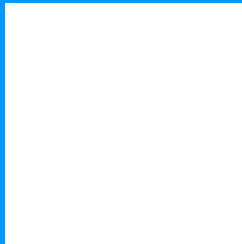
Any Text WCAG AAA ✓ Pass

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

Hex 009AFD Background



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

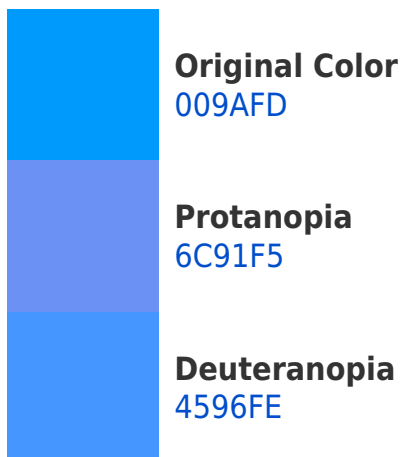


This preview shows how white text looks on a background with the Hex color 009AFD.

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
00A5B1

Trichromacy



Original Color
009AFD



Protanomaly
4594F8



Deuteranomaly
2C97FE



Tritanomaly
00A1CD

Monochromacy



Original Color
009AFD



Achromatopsia
777777



Achromatomaly
4C84A8

CSS Examples

Text

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

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

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 #009AFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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