

# Converting Colors

Hex(00A6F9)

Have a look what the booklet for  
Hex(00A6F9) contains.

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# **Color**

**Hex(00A6F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A6F9
RGB	0, 166, 249
RGB Percent	0%, 65%, 98%
CMY	1.0000, 0.3490, 0.0235
CMYK	1.00, 0.33, 0.00, 0.02
HSL	200°, 100%, 49%
HSV	200°, 100%, 98%
XYZ	30.7351, 34.1120, 94.5869
YIQ	125.8280, -125.5790, -9.3790

# Conversions

## Conversions Part 2

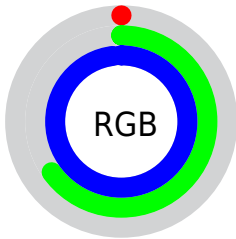
Format	Color
R <sub>YB</sub>	0, 100, 249
Decimal	42745
CIE Lab	65.05, -6.17, -51.09
CIE LCh	65, 51.460, 263.115
Yxy	34.1120, 0.1928, 0.2140
Android (android.graphics.Color)	4278232825 (0xFF00A6F9)
YUV	125.8280, 60.7238, -110.3512
Hunter-Lab	58.4055, -8.2763, -55.1355

# Details

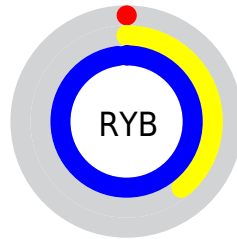
The Hex color **00A6F9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F95300**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6FDDFF**, and **0073C0** is the 20% darker color. If you saturate the color by 10%, you get **00A6F9**, and if you desaturate by 10%, it is **19AEF9**.

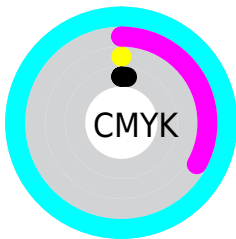
# Distribution



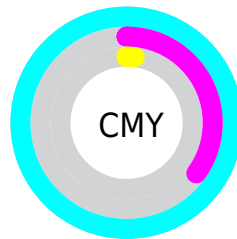
- Red (0%)
- Green (65%)
- Blue (98%)



- Red (0%)
- Yellow (39%)
- Blue (98%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (35%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A6F9 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 00A6F9 by changing the saturation by 10% instead.



 00A6F9

FFFFFF

 6FDDFF

 91F9FF

 B1FFFF

 D1FFFF

 F1FFFF

 00A6F9

 008CDC

 0073C0

 005AA5

 00438A

 002E70

 001A57

 00063F

 000328

 000112

 00A6F9

 19AEF9

 32B7F9

 4BBFF9

 64C7F9

 7DD0F9

 95D8F9

 AEE0F9

 C7E8F9

 EOF1F9

# Harmonies

## Analogous

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



00B0E7



00A6F9



8F96F3

# Triad

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



00A6F9



F3797C



5DB064

# Complementary

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



00A6F9



F95300

# 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.



95A645



00A6F9



E38655

# Square

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



00A6F9



ED77AA



C1983F



00B491

# Rectangle

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



00A6F9



BB8AE1



C1983F



72AD58



# Sweetspot

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



00A6F9



B3E6FF



00F953



527080



000000



808080



# Same Dimension

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



00A6F9



00AAFF



002EF9



70797D



007EBD



00293D



# Inverse Universe

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



F900A6



FF00AA



F9D000



7D7079



BD007E



3D0029



# Previews

## White Background



This preview shows how the Hex color 00A6F9 looks on a white background.

## Color Contrast Check

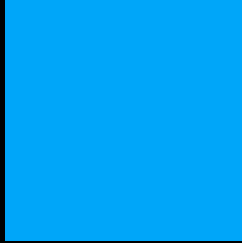
Large Text (above 18pt) WCAG AA × Fail

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 00A6F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

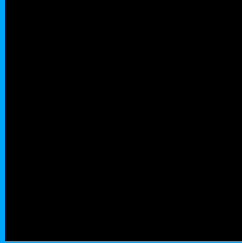
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

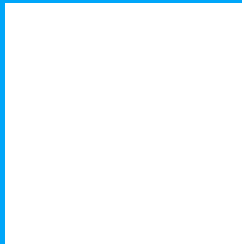
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A6F9 Background



This preview shows how black text looks on a background with the Hex color 00A6F9.



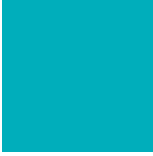
This preview shows how white text looks on a background with the Hex color 00A6F9.

# 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](#).

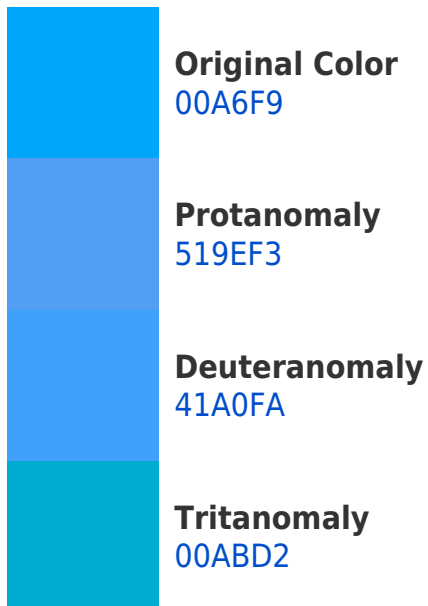
## Dichromacy





**Tritanopia**  
00AEBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A6F9 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 #00A6F9 looks like.

```
.text, #text, p{  
    color:#00A6F9  
}
```

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 #00A6F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6F9
}
```

## Border

The CSS property to change the border of an element to Hex 00A6F9 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
#00A6F9 }
```

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

```
.border{ border-color:#00A6F9 }
```

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

Here you see how a box with a 4 pixel #00A6F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6F9; -webkit-box-shadow:4px 4px  
4px 4px #00A6F9; box-shadow:4px 4px 4px  
4px #00A6F9 }
```

# Background

The CSS property to change the background color of an element to Hex 00A6F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6F9 }
```

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

```
.background{ background-color:#00A6F9 }
```

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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