

# Converting Colors

Hex(0099F6)

Have a look what the booklet for  
Hex(0099F6) contains.

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**Color**

**Hex(0099F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0099F6
RGB	0, 153, 246
RGB Percent	0%, 60%, 96%
CMY	1.0000, 0.4000, 0.0353
CMYK	1.00, 0.38, 0.00, 0.04
HSL	203°, 100%, 48%
HSV	203°, 100%, 96%
XYZ	28.0258, 29.4363, 91.3934
YIQ	117.8550, -121.0410, -3.5130

# Conversions

## Conversions Part 2

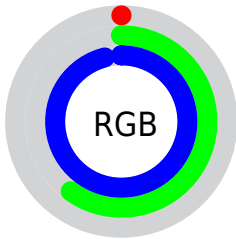
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 94, 246
Decimal	39414
CIE Lab	61.16, 0.19, -55.62
CIE LCh	61, 55.618, 270.194
Yxy	29.4363, 0.1883, 0.1978
Android (android.graphics.Color)	4278229494 (0xFF0099F6)
YUV	117.8550, 63.1755, -103.3588
Hunter-Lab	54.2552, -2.7416, -61.8959

# Details

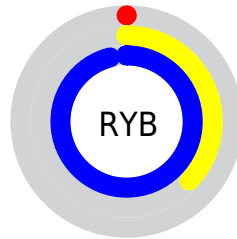
The Hex color **0099F6** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F65D00**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6ECFFF**, and **0067BD** is the 20% darker color. If you saturate the color by 10%, you get **0099F6**, and if you desaturate by 10%, it is **19A2F6**.

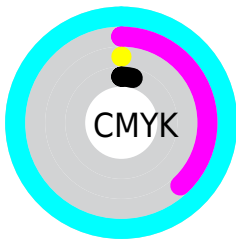
# Distribution



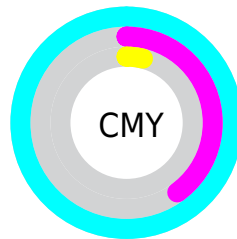
- Red (0%)
- Green (60%)
- Blue (96%)



- Red (0%)
- Yellow (37%)
- Blue (96%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (4%)




- Cyan (100%)
- Magenta (40%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0099F6 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 0099F6 by changing the saturation by 10% instead.



 0099F6

 0099F6

FFFFFF

 007FD9

 6ECFFF

 0067BD

 90EBFF

 004FA2

 B0FFFF

 003987

 D0FFFF

 00256D

 EFFFFF

 000F54


 00063C

 000225

 00010E

 0099F6

 19A2F6

 31ACF6

 4AB5F6

 62BEF6

 7BC8F6

 94D1F6

 ACDAF6

 C5E3F6

 DDEDF6

# Harmonies

## Analogous

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



00A5E8



0099F6



9587E9

# Triad

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



0099F6



EB6D65



34A860

# Complementary

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



0099F6



F65D00

# 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.



7C9F38



0099F6



D47F3E

# Square

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



0099F6



EB6795



AE9129



00AB92

# Rectangle

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



0099F6



C079D3



AE9129



52A552

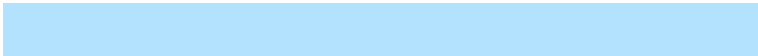


# Sweetspot

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



0099F6



B3E2FF



00F65A



526E80



000000



808080



# Same Dimension

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



0099F6



009FFF



0021F6



6E767A



0074BA



00243B



# Inverse Universe

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



F60099



FF009F



F6D500



7A6E76



BA0074

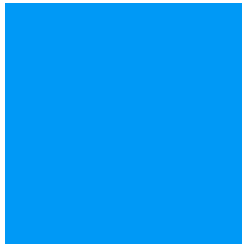


3B0024



# Previews

## White Background



This preview shows how the Hex color 0099F6 looks on a white background.

## Color Contrast Check

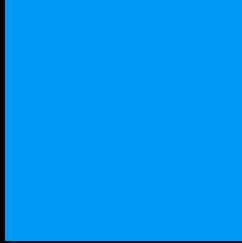
Large Text (above 18pt) WCAG AA ✓ Pass

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 0099F6 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

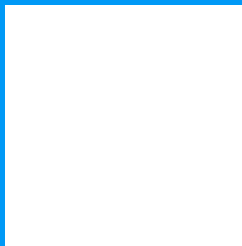
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0099F6 Background



This preview shows how black text looks on a background with the Hex color 0099F6.



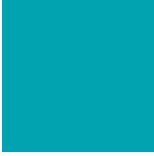
This preview shows how white text looks on a background with the Hex color 0099F6.

# 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**  
00A3AF

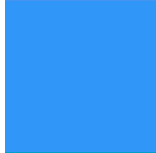
# Trichromacy



**Original Color**  
0099F6



**Protanomaly**  
4693F0



**Deuteranomaly**  
3096F7



**Tritanomaly**  
009FC9

# Monochromacy



**Original Color**  
0099F6



**Achromatopsia**  
767676



**Achromatomaly**  
4B83A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0099F6 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 #0099F6 looks like.

```
.text, #text, p{  
    color:#0099F6  
}
```

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 #0099F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0099F6
}
```

## Border

The CSS property to change the border of an element to Hex 0099F6 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
#0099F6 }
```

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

```
.border{ border-color:#0099F6 }
```

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

Here you see how a box with a 4 pixel #0099F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0099F6; -webkit-box-shadow:4px 4px  
4px 4px #0099F6; box-shadow:4px 4px 4px  
4px #0099F6 }
```

# Background

The CSS property to change the background color of an element to Hex 0099F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0099F6 }
```

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

```
.background{ background-color:#0099F6 }
```

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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