

# Converting Colors

Hex(00A8FB)

Have a look what the booklet for  
Hex(00A8FB) contains.

<b>Hex(00A8FB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(00A8FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A8FB
RGB	0, 168, 251
RGB Percent	0%, 66%, 98%
CMY	1.0000, 0.3412, 0.0157
CMYK	1.00, 0.33, 0.00, 0.02
HSL	200°, 100%, 49%
HSV	200°, 100%, 98%
XYZ	31.4152, 34.9703, 96.3610
YIQ	127.2300, -126.7710, -9.8030

# Conversions

## Conversions Part 2

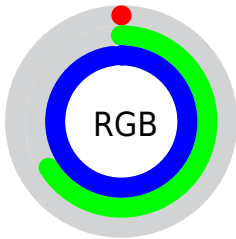
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 101, 251
Decimal	43259
CIELab	65.73, -6.56, -51.11
CIELCh	66, 51.532, 262.685
Yxy	34.9703, 0.1930, 0.2149
Android (android.graphics.Color)	4278233339 (0xFF00A8FB)
YUV	127.2300, 61.0186, -111.5807
Hunter-Lab	59.1357, -8.6612, -55.2174

# Details

The Hex color **00A8FB** 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 **FB5300**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6FDFFF**, and **0074C2** is the 20% darker color. If you saturate the color by 10%, you get **00A8FB**, and if you desaturate by 10%, it is **19B0FB**.

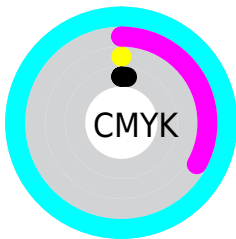
# Distribution



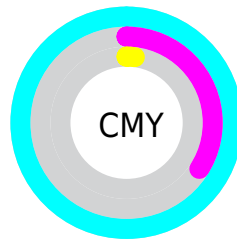
- Red (0%)
- Green (66%)
- Blue (98%)



- Red (0%)
- Yellow (40%)
- Blue (98%)



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



- Cyan (100%)
- Magenta (34%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A8FB 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 00A8FB by changing the saturation by 10% instead.



 00A8FB

 00A8FB

FFFFFF

 008EDE

 6FDFFF

 0074C2

 91FBFF

 005CA6

 B2FFFF


 00458C

 D2FFFF

 002F72

 F2FFFF

 001C59

 000741

 00032A

 000114

 00A8FB

 19B0FB

 32B9FB

 4BC1FB

 64C9FB

 7ED2FB

 97DAFB

 B0E2FB

 C9EAFB

 E2F3FB

# Harmonies

## Analogous

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



00B2E8



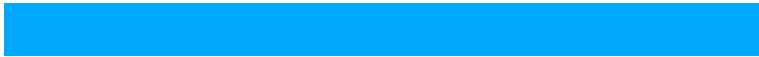
00A8FB



9098F5

# Triad

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



00A8FB



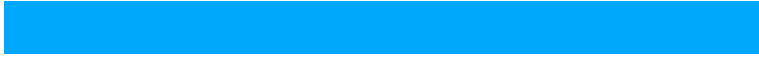
F57A7F



60B165

# Complementary

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



00A8FB



FB5300

# 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.



98A846



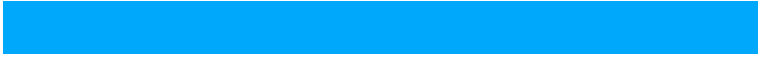
00A8FB



E58857

# Square

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



00A8FB



EF79AD



C49941



00B692

# Rectangle

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



00A8FB



BC8CE4



C49941



74AF59



# Sweetspot

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



00A8FB



B3E6FF



00FB4F



527080



000000



808080

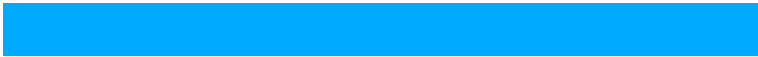


# Same Dimension

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



00A8FB



00ABFF



002EFB



70797D



007EBD



00293D



# Inverse Universe

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



FB00A8



FF00AB



FBCD00



7D7079



BD007E



3D0029



# Previews

## White Background



This preview shows how the Hex color 00A8FB looks on a white background.

## Color Contrast Check

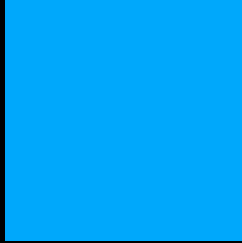
Large Text (above 18pt) WCAG AA × Fail

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 00A8FB 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

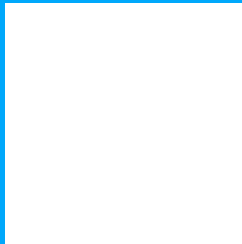
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A8FB Background



This preview shows how black text looks on a background with the Hex color 00A8FB.

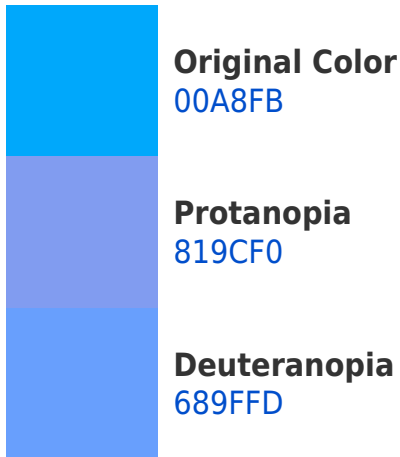


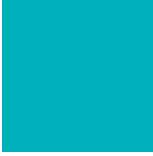
This preview shows how white text looks on a background with the Hex color 00A8FB.

# 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





# Trichromacy



**Original Color**  
00A8FB



**Protanomaly**  
52A0F4



**Deuteranomaly**  
42A2FC



**Tritanomaly**  
00ADD4

# Monochromacy



**Original Color**  
00A8FB



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
518EAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A8FB 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 #00A8FB looks like.

```
.text, #text, p{  
    color:#00A8FB  
}
```

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 #00A8FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8FB
}
```

## Border

The CSS property to change the border of an element to Hex 00A8FB 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
#00A8FB }
```

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

```
.border{ border-color:#00A8FB }
```

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

Here you see how a box with a 4 pixel #00A8FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8FB; -webkit-box-shadow:4px 4px  
4px 4px #00A8FB; box-shadow:4px 4px 4px  
4px #00A8FB }
```

# Background

The CSS property to change the background color of an element to Hex 00A8FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8FB }
```

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

```
.background{ background-color:#00A8FB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor