

# Converting Colors

Hex(00A3FC)

Have a look what the booklet for  
Hex(00A3FC) contains.

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# **Color**

**Hex(00A3FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A3FC
RGB	0, 163, 252
RGB Percent	0%, 64%, 99%
CMY	1.0000, 0.3608, 0.0118
CMYK	1.00, 0.35, 0.00, 0.01
HSL	201°, 100%, 49%
HSV	201°, 100%, 99%
XYZ	30.6679, 33.2227, 96.8917
YIQ	124.4090, -125.7170, -6.8770

# Conversions

## Conversions Part 2

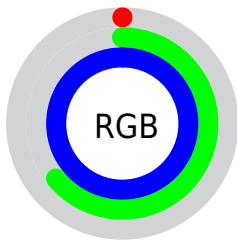
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 99, 252
Decimal	41980
CIELab	64.34, -3.36, -53.85
CIELCh	64, 53.957, 266.434
Yxy	33.2227, 0.1907, 0.2066
Android (android.graphics.Color)	4278232060 (0xFF00A3FC)
YUV	124.4090, 62.9024, -109.1067
Hunter-Lab	57.6391, -5.8944, -59.3195

# Details

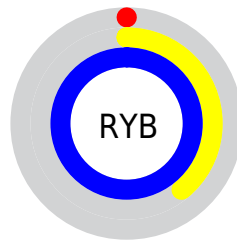
The Hex color **00A3FC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FC5900**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6FDAFF**, and **0070C3** is the 20% darker color. If you saturate the color by 10%, you get **00A3FC**, and if you desaturate by 10%, it is **19ACFC**.

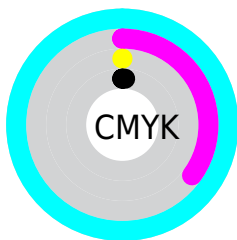
# Distribution



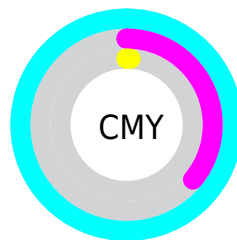
- Red (0%)
- Green (64%)
- Blue (99%)



- Red (0%)
- Yellow (39%)
- Blue (99%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (36%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A3FC 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 00A3FC by changing the saturation by 10% instead.



 00A3FC

FFFFFF

 6FDAFF

 91F6FF

 B2FFFF

 D2FFFF

 F2FFFF

 00A3FC

 0089DF

 0070C3

 0058A7

 00418C

 002C72

 001859

 000741

 00032A

 000114

 00A3FC

 19ACFC

 32B5FC

 4CBEFC

 65C7FC

 7ECFFC

 97D8FC

 B0E1FC

 CAE AFC

 E3F3FC

# Harmonies

## Analogous

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



00AEEB



00A3FC



9492F2

# Triad

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



00A3FC



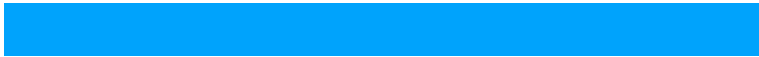
F47574



4EAF64

# Complementary

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



00A3FC



FC5900

# 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.



8CA640



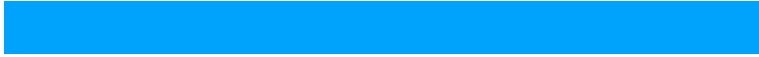
00A3FC



E0854C

# Square

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



00A3FC



F072A4



BC9737



00B394

# Rectangle

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



00A3FC



C184DF



BC9737



66AD57

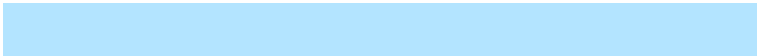


# Sweetspot

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



00A3FC



B3E4FF



00FC58



526F80



000000



808080



# Same Dimension

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



00A3FC



00A5FF



0026FC



70797D



007ABD



00283D



# Inverse Universe

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



FC00A3



FF00A5



FCD600



7D7079



BD007A



3D0028



# Previews

## White Background



This preview shows how the Hex color 00A3FC looks on a white background.

## Color Contrast Check

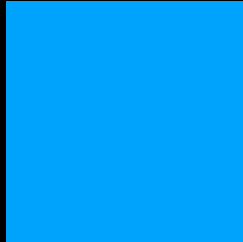
Large Text (above 18pt) WCAG AA × Fail

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 00A3FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

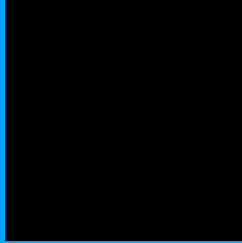
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

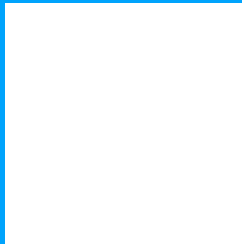
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A3FC Background



This preview shows how black text looks on a background with the Hex color 00A3FC.

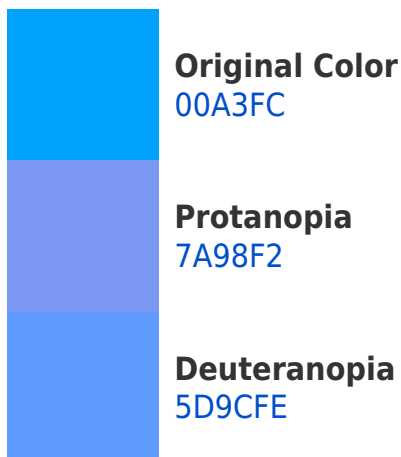


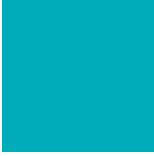
This preview shows how white text looks on a background with the Hex color 00A3FC.

# 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](#).

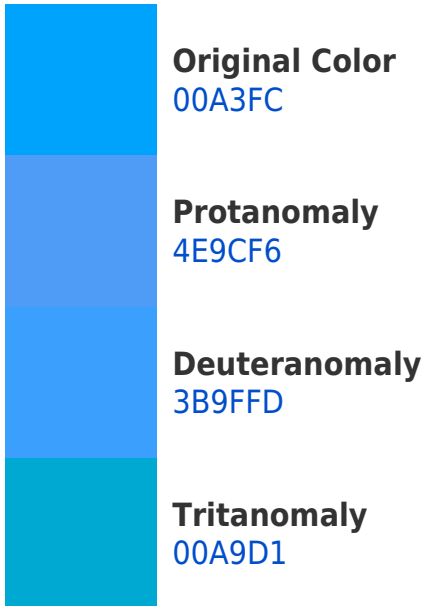
## Dichromacy



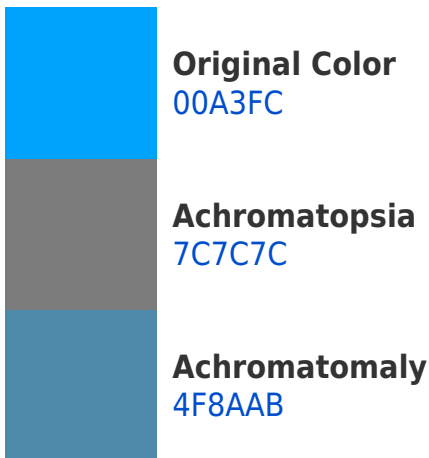


**Tritanopia**  
00ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A3FC 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 #00A3FC looks like.

```
.text, #text, p{  
    color:#00A3FC  
}
```

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 #00A3FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A3FC
}
```

## Border

The CSS property to change the border of an element to Hex 00A3FC 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
#00A3FC }
```

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

```
.border{ border-color:#00A3FC }
```

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

Here you see how a box with a 4 pixel #00A3FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A3FC; -webkit-box-shadow:4px 4px  
4px 4px #00A3FC; box-shadow:4px 4px 4px  
4px #00A3FC }
```

# Background

The CSS property to change the background color of an element to Hex 00A3FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A3FC }
```

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

```
.background{ background-color:#00A3FC }
```

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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