

Converting Colors

Hex(00A6F6)

Have a look what the booklet for
Hex(00A6F6) contains.

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Color

Hex(00A6F6)

Conversions

Conversions Part 1

Format	Color
Hex	00A6F6
RGB	0, 166, 246
RGB Percent	0%, 65%, 96%
CMY	1.0000, 0.3490, 0.0353
CMYK	1.00, 0.33, 0.00, 0.04
HSL	200°, 100%, 48%
HSV	200°, 100%, 96%
XYZ	30.2708, 33.9263, 92.1418
YIQ	125.4860, -124.6160, -10.3120

Conversions

Conversions Part 2

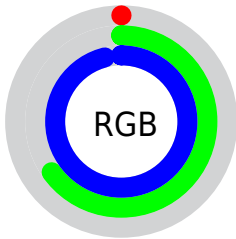
Format	Color
RYB	0, 99, 246
Decimal	42742
CIELab	64.90, -7.27, -49.68
CIELCh	65, 50.214, 261.675
Yxy	33.9263, 0.1936, 0.2170
Android (android.graphics.Color)	4278232822 (0xFF00A6F6)
YUV	125.4860, 59.4134, -110.0512
Hunter-Lab	58.2463, -9.1639, -53.0205

Details

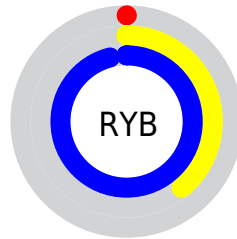
The Hex color **00A6F6** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F65000**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6EDDFF**, and **0073BD** is the 20% darker color. If you saturate the color by 10%, you get **00A6F6**, and if you desaturate by 10%, it is **19AEF6**.

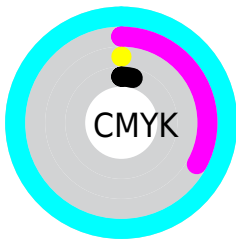
Distribution



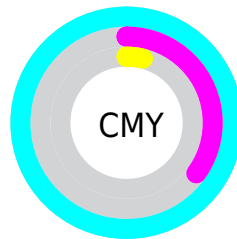
- Red (0%)
- Green (65%)
- Blue (96%)



- Red (0%)
- Yellow (39%)
- Blue (96%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A6F6 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 00A6F6 by changing the saturation by 10% instead.

 00A6F6

 00A6F6

FFFFFF

 008CD9

 6EDDFF

 0073BD

 90F9FF

 005AA2

 B0FFFF

 004387

 D0FFFF

 002E6D

 F0FFFF

 001A54

 00063D

 000326

 00010F

 00A6F6

 19AEF6

 31B6F6

 4ABEF6

 62C6F6

 7BCEF6

 94D6F6

 ACDEF6

 C5E6F6

 DDEEF6

Harmonies

Analogous

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



00B0E3



00A6F6



8C97F1

Triad

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



00A6F6



F1797F



62AE64

Complementary

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



00A6F6



F65000

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.



97A546



00A6F6



E28658

Square

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



00A6F6



EA78AC



C29742



00B38F

Rectangle

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



00A6F6



B88BE1



C29742



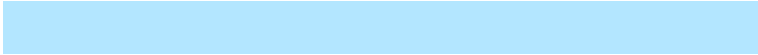
75AC58

Sweetspot

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



00A6F6



B3E6FF



00F64E



527180



000000



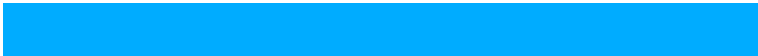
808080

Same Dimension

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



00A6F6



00ACFF



002DF6



6E767A



007EBA



00283B

Inverse Universe

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



F600A6



FF00AC



F6C900



7A6E76



BA007E



3B0028

Previews

White Background



This preview shows how the Hex color 00A6F6 looks on a white background.

Color Contrast Check

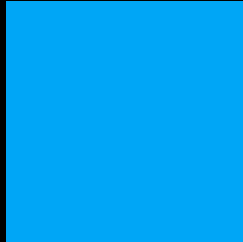
Large Text (above 18pt) WCAG AA × Fail

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 00A6F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

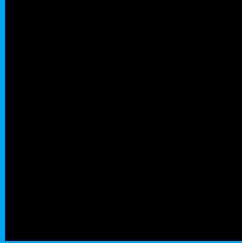
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

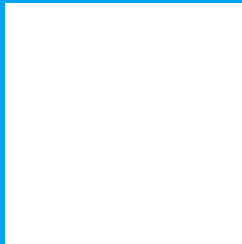
Any Text WCAG AAA ✓ Pass

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

Hex 00A6F6 Background



This preview shows how black text looks on a background with the Hex color 00A6F6.

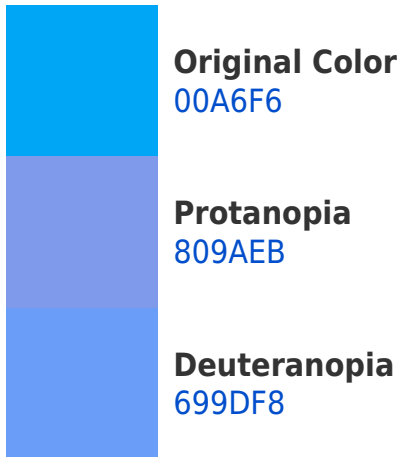


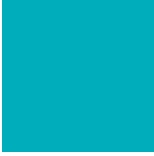
This preview shows how white text looks on a background with the Hex color 00A6F6.

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



Original Color
00A6F6



Protanomaly
519EEF



Deuteranomaly
43A0F7



Tritanomaly
00ABD0

Monochromacy



Original Color
00A6F6



Achromatopsia
7D7D7D



Achromatomaly
508CA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A6F6 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 #00A6F6 looks like.

```
.text, #text, p{  
    color:#00A6F6  
}
```

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 #00A6F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6F6
}
```

Border

The CSS property to change the border of an element to Hex 00A6F6 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
#00A6F6 }
```

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

```
.border{ border-color:#00A6F6 }
```

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

Here you see how a box with a 4 pixel #00A6F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6F6; -webkit-box-shadow:4px 4px  
4px 4px #00A6F6; box-shadow:4px 4px 4px  
4px #00A6F6 }
```

Background

The CSS property to change the background color of an element to Hex 00A6F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6F6 }
```

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

```
.background{ background-color:#00A6F6 }
```

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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