

Converting Colors

Hex(00A2F6)

Have a look what the booklet for
Hex(00A2F6) contains.

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Color

Hex(00A2F6)

Conversions

Conversions Part 1

Format	Color
Hex	00A2F6
RGB	0, 162, 246
RGB Percent	0%, 64%, 96%
CMY	1.0000, 0.3647, 0.0353
CMYK	1.00, 0.34, 0.00, 0.04
HSL	200°, 100%, 48%
HSV	200°, 100%, 96%
XYZ	29.5549, 32.4945, 91.9031
YIQ	123.1380, -123.5160, -8.2200

Conversions

Conversions Part 2

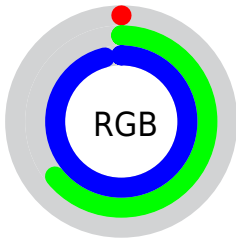
Format	Color
RYB	0, 98, 246
Decimal	41718
CIELab	63.75, -5.01, -51.51
CIELCh	64, 51.755, 264.448
Yxy	32.4945, 0.1920, 0.2111
Android (android.graphics.Color)	4278231798 (0xFF00A2F6)
YUV	123.1380, 60.5710, -107.9920
Hunter-Lab	57.0039, -7.2098, -55.6860

Details

The Hex color **00A2F6** 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 **F65400**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6ED9FF**, and **006FBD** is the 20% darker color. If you saturate the color by 10%, you get **00A2F6**, and if you desaturate by 10%, it is **19AAF6**.

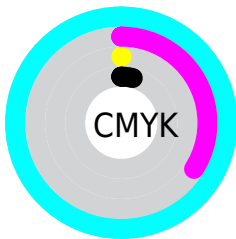
Distribution



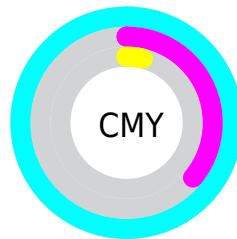
- Red (0%)
- Green (64%)
- Blue (96%)



- Red (0%)
- Yellow (38%)
- Blue (96%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A2F6 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 00A2F6 by changing the saturation by 10% instead.

 00A2F6

 00A2F6

FFFFFF

 0088D9

 6ED9FF

 006FBD

 90F5FF

 0057A2

 B0FFFF

 004087

 D0FFFF

 002B6D

 EFFFFFF

 001754

 00063C

 000226

 00010F

 00A2F6

 19AAF6

 31B3F6

 4ABBF6

 62C4F6

 7BCCF6

 94D4F6

 ACDDF6

 C5E5F6

 DDEEF6

Harmonies

Analogous

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



00ACE5



00A2F6



8F92EF

Triad

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



00A2F6



EF7577



56AC63

Complementary

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



00A2F6



F65400

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.



8FA342



00A2F6



DE8450

Square

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



00A2F6



EA73A5



BC953B



00B190

Rectangle

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



00A2F6



BA85DD



BC953B



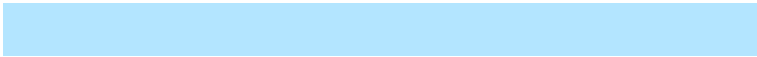
6BAA56

Sweetspot

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



00A2F6



B3E5FF



00F652



527080



000000



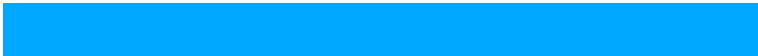
808080

Same Dimension

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



00A2F6



00A8FF



0029F6



6E767A



007BBA



00273B

Inverse Universe

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



F600A2



FF00A8



F6CD00



7A6E76



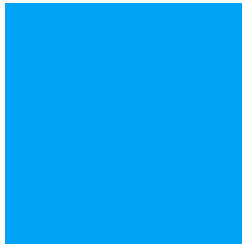
BA007B



3B0027

Previews

White Background



This preview shows how the Hex color 00A2F6 looks on a white background.

Color Contrast Check

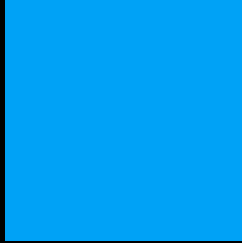
Large Text (above 18pt) WCAG AA × Fail

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 00A2F6 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

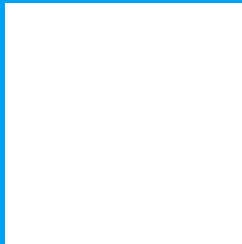
Any Text WCAG AAA ✓ Pass

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

Hex 00A2F6 Background



This preview shows how black text looks on a background with the Hex color 00A2F6.



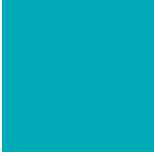
This preview shows how white text looks on a background with the Hex color 00A2F6.

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
00ABB7

Trichromacy



Original Color
00A2F6

Protanomaly
4E9BF0

Deuteranomaly
3E9DF7

Tritanomaly
00A8CE

Monochromacy



Original Color
00A2F6

Achromatopsia
7B7B7B

Achromatomaly
4E89A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A2F6 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 #00A2F6 looks like.

```
.text, #text, p{  
    color:#00A2F6  
}
```

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 #00A2F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2F6
}
```

Border

The CSS property to change the border of an element to Hex 00A2F6 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
#00A2F6 }
```

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

```
.border{ border-color:#00A2F6 }
```

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

Here you see how a box with a 4 pixel #00A2F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2F6; -webkit-box-shadow:4px 4px  
4px 4px #00A2F6; box-shadow:4px 4px 4px  
4px #00A2F6 }
```

Background

The CSS property to change the background color of an element to Hex 00A2F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2F6 }
```

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

```
.background{ background-color:#00A2F6 }
```

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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