

Converting Colors

Hex(00A2F9)

Have a look what the booklet for
Hex(00A2F9) contains.

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Color

Hex(00A2F9)

Conversions

Conversions Part 1

Format	Color
Hex	00A2F9
RGB	0, 162, 249
RGB Percent	0%, 64%, 98%
CMY	1.0000, 0.3647, 0.0235
CMYK	1.00, 0.35, 0.00, 0.02
HSL	201°, 100%, 49%
HSV	201°, 100%, 98%
XYZ	30.0192, 32.6802, 94.3483
YIQ	123.4800, -124.4790, -7.2870

Conversions

Conversions Part 2

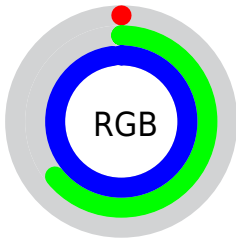
Format	Color
RYB	0, 98, 249
Decimal	41721
CIELab	63.90, -3.90, -52.91
CIELCh	64, 53.055, 265.788
Yxy	32.6802, 0.1911, 0.2081
Android (android.graphics.Color)	4278231801 (0xFF00A2F9)
YUV	123.4800, 61.8814, -108.2920
Hunter-Lab	57.1666, -6.3080, -57.8361

Details

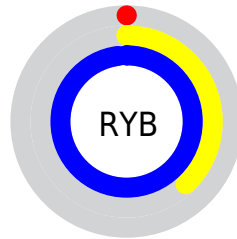
The Hex color **00A2F9** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F95700**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6FD8FF**, and **006FC0** is the 20% darker color. If you saturate the color by 10%, you get **00A2F9**, and if you desaturate by 10%, it is **19ABF9**.

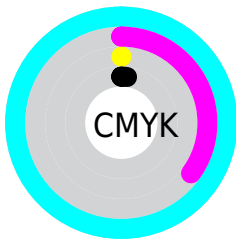
Distribution



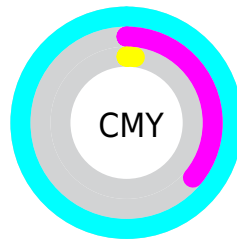
- Red (0%)
- Green (64%)
- Blue (98%)



- Red (0%)
- Yellow (38%)
- Blue (98%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A2F9 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 00A2F9 by changing the saturation by 10% instead.

 00A2F9

 00A2F9

FFFFFF

 0088DC

 6FD8FF

 006FC0

 91F5FF

 0057A4

 B1FFFF

 00408A

 D1FFFF

 002B70

 F1FFFF

 001757

 00063F

 000328

 000112

 00A2F9

 19ABF9

 32B3F9

 4BBCF9

 64C5F9

 7DCEF9

 95D6F9

 AEDFF9

 C7E8F9

 E0F0F9

Harmonies

Analogous

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



00ADE8



00A2F9



9291F0

Triad

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



00A2F9



F17574



50AD63

Complementary

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



00A2F9



F95700

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.



8DA441



00A2F9



DE844D

Square

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



00A2F9



ED72A4



BB9638



00B292

Rectangle

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



00A2F9



BE84DD



BB9638



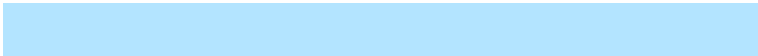
67AB56

Sweetspot

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



00A2F9



B3E4FF



00F953



526F80



000000



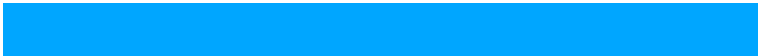
808080

Same Dimension

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



00A2F9



00A6FF



002AF9



70797D



007BBD



00283D

Inverse Universe

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



F900A2



FF00A6



F9D000



7D7079



BD007B



3D0028

Previews

White Background



This preview shows how the Hex color 00A2F9 looks on a white background.

Color Contrast Check

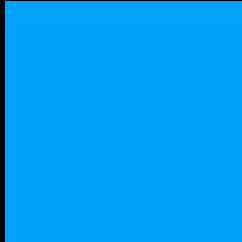
Large Text (above 18pt) WCAG AA × Fail

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 00A2F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

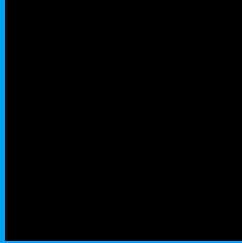
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

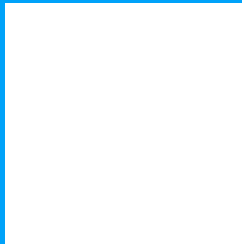
Any Text WCAG AAA ✓ Pass

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

Hex 00A2F9 Background



This preview shows how black text looks on a background with the Hex color 00A2F9.

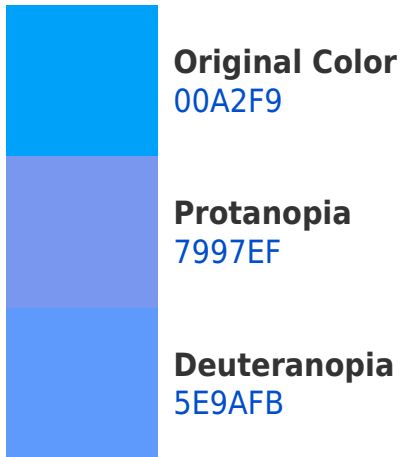


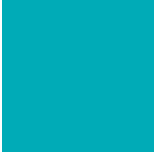
This preview shows how white text looks on a background with the Hex color 00A2F9.

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](#).

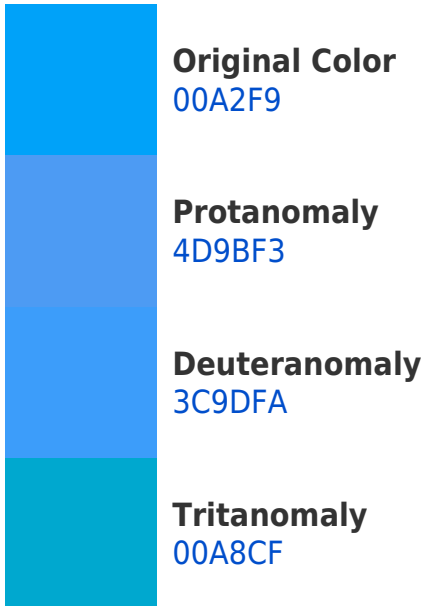
Dichromacy





Tritanopia
00ABB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A2F9 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 #00A2F9 looks like.

```
.text, #text, p{  
    color:#00A2F9  
}
```

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 #00A2F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2F9
}
```

Border

The CSS property to change the border of an element to Hex 00A2F9 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
#00A2F9 }
```

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

```
.border{ border-color:#00A2F9 }
```

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

Here you see how a box with a 4 pixel #00A2F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2F9; -webkit-box-shadow:4px 4px  
4px 4px #00A2F9; box-shadow:4px 4px 4px  
4px #00A2F9 }
```

Background

The CSS property to change the background color of an element to Hex 00A2F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2F9 }
```

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

```
.background{ background-color:#00A2F9 }
```

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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