

Converting Colors

Hex(00A2F1)

Have a look what the booklet for
Hex(00A2F1) contains.

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Color

Hex(00A2F1)

Conversions

Conversions Part 1

Format	Color
Hex	00A2F1
RGB	0, 162, 241
RGB Percent	0%, 64%, 95%
CMY	1.0000, 0.3647, 0.0549
CMYK	1.00, 0.33, 0.00, 0.05
HSL	200°, 100%, 47%
HSV	200°, 100%, 95%
XYZ	28.7975, 32.1915, 87.9149
YIQ	122.5680, -121.9110, -9.7750

Conversions

Conversions Part 2

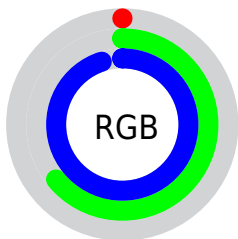
Format	Color
RYB	0, 97, 241
Decimal	41713
CIELab	63.50, -6.85, -49.17
CIELCh	64, 49.641, 262.063
Yxy	32.1915, 0.1934, 0.2162
Android (android.graphics.Color)	4278231793 (0xFF00A2F1)
YUV	122.5680, 58.3870, -107.4921
Hunter-Lab	56.7376, -8.6920, -52.1535

Details

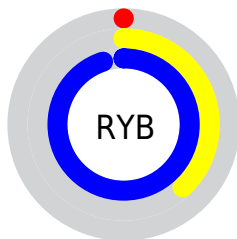
The Hex color **00A2F1** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F14F00**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6DD9FF**, and **006FB8** is the 20% darker color. If you saturate the color by 10%, you get **00A2F1**, and if you desaturate by 10%, it is **18AAF1**.

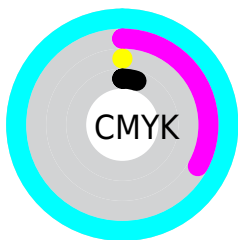
Distribution



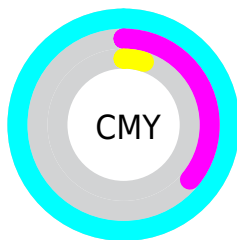
- Red (0%)
- Green (64%)
- Blue (95%)



- Red (0%)
- Yellow (38%)
- Blue (95%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A2F1 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 00A2F1 by changing the saturation by 10% instead.

 00A2F1

 00A2F1

FFFFFF

 0088D4

 6DD9FF

 006FB8

 8EF5FF

 00579D

 AFFFFFF

 004083

 CEFFFF

 002B69

 EEEFFF

 001750

 000539

 000222

 000008

 00A2F1

 18AAF1

 30B2F1

 48BAF1

 60C2F1

 78C9F1

 91D1F1

 A9D9F1

 C1E1F1

 D9E9F1

Harmonies

Analogous

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



00ACDF



00A2F1



8993EC

Triad

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



00A2F1



EC767B



5EAB61

Complementary

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



00A2F1



F14F00

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.



93A144



00A2F1



DD8355

Square

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



00A2F1



E575A7



BD933F



00AF8C

Rectangle

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



00A2F1



B487DC



BD933F



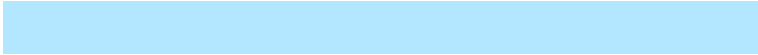
72A855

Sweetspot

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



00A2F1



B3E6FF



00F14C



527080



000000



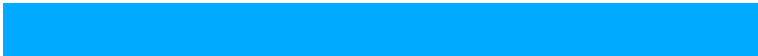
808080

Same Dimension

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



00A2F1



00ABFF



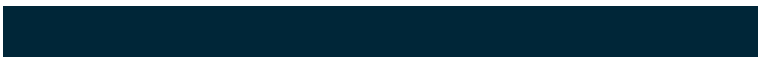
002CF1



6C7478



007BB8



002638

Inverse Universe

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



F100A2



FF00AB



F1C500



786C74



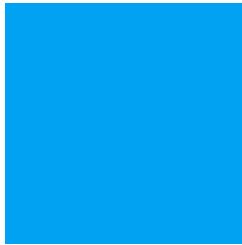
B8007B



380026

Previews

White Background



This preview shows how the Hex color 00A2F1 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 00A2F1 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

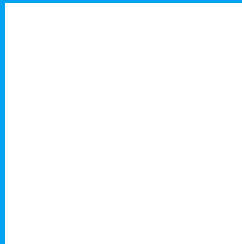
Any Text WCAG AAA ✓ Pass

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

Hex 00A2F1 Background



This preview shows how black text looks on a background with the Hex color 00A2F1.



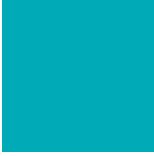
This preview shows how white text looks on a background with the Hex color 00A2F1.

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
00AAB6

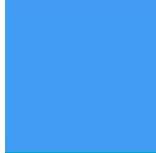
Trichromacy



Original Color
00A2F1



Protanomaly
509AEB



Deuteranomaly
419CF2



Tritanomaly
00A7CB

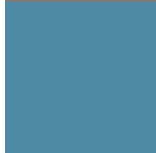
Monochromacy



Original Color
00A2F1



Achromatopsia
7B7B7B



Achromatomaly
4E89A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A2F1 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 #00A2F1 looks like.

```
.text, #text, p{  
    color:#00A2F1  
}
```

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 #00A2F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2F1
}
```

Border

The CSS property to change the border of an element to Hex 00A2F1 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
#00A2F1 }
```

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

```
.border{ border-color:#00A2F1 }
```

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

Here you see how a box with a 4 pixel #00A2F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2F1; -webkit-box-shadow:4px 4px  
4px 4px #00A2F1; box-shadow:4px 4px 4px  
4px #00A2F1 }
```

Background

The CSS property to change the background color of an element to Hex 00A2F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2F1 }
```

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

```
.background{ background-color:#00A2F1 }
```

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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