

Converting Colors

Hex(00A3F0)

Have a look what the booklet for
Hex(00A3F0) contains.

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Color

Hex(00A3F0)

Conversions

Conversions Part 1

Format	Color
Hex	00A3F0
RGB	0, 163, 240
RGB Percent	0%, 64%, 94%
CMY	1.0000, 0.3608, 0.0588
CMYK	1.00, 0.32, 0.00, 0.06
HSL	199°, 100%, 47%
HSV	199°, 100%, 94%
XYZ	28.8254, 32.4857, 87.1892
YIQ	123.0410, -121.8650, -10.6090

Conversions

Conversions Part 2

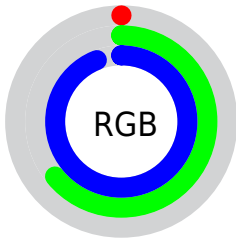
Format	Color
RYB	0, 97, 240
Decimal	41968
CIELab	63.74, -7.79, -48.24
CIELCh	64, 48.860, 260.830
Yxy	32.4857, 0.1941, 0.2188
Android (android.graphics.Color)	4278232048 (0xFF00A3F0)
YUV	123.0410, 57.6608, -107.9070
Hunter-Lab	56.9962, -9.4684, -50.8008

Details

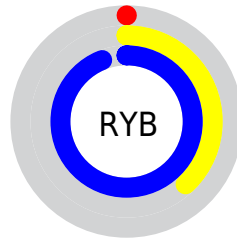
The Hex color **00A3F0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **F04D00**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6DDAFF**, and **0070B7** is the 20% darker color. If you saturate the color by 10%, you get **00A3F0**, and if you desaturate by 10%, it is **18ABF0**.

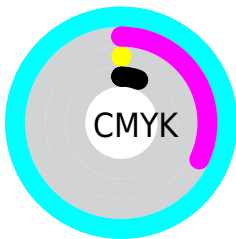
Distribution



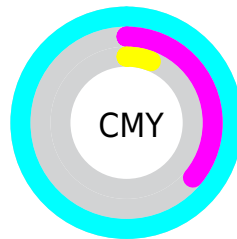
- Red (0%)
- Green (64%)
- Blue (94%)



- Red (0%)
- Yellow (38%)
- Blue (94%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (36%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A3F0 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 00A3F0 by changing the saturation by 10% instead.

 00A3F0

 00A3F0

FFFFFF

 0089D3

 6DDAFF

 0070B7

 8EF6FF

 00589C

 AEFFFF

 004182

 CEFFFF

 002B68

 EDFFFF

 001850

 000538

 000222

 000007

 00A3F0

 18ABF0

 30B2F0

 48BAF0

 60C2F0

 78C9F0

 90D1F0

 A8D9F0

 C0E1F0

 D8E8F0

Harmonies

Analogous

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



00ACDD



00A3F0



8794EC

Triad

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



00A3F0



EC777E



62AB61

Complementary

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



00A3F0



F04D00

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.



96A145



00A3F0



DE8358

Square

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



00A3F0



E477AA



BF9342



00B08B

Rectangle

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



00A3F0



B289DD



BF9342



75A856

Sweetspot

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



00A3F0



B3E6FF



00F04C



527180



000000



808080

Same Dimension

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



00A3F0



00ADFF



002CF0



6C7478



007DB8



002638

Inverse Universe

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



F000A3



FF00AD



F0C400



786C74



B8007D



380026

Previews

White Background



This preview shows how the Hex color 00A3F0 looks on a white background.

Color Contrast Check

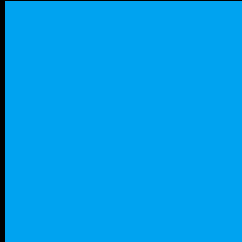
Large Text (above 18pt) WCAG AA × Fail

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 00A3F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

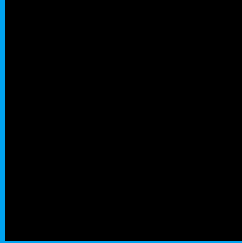
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

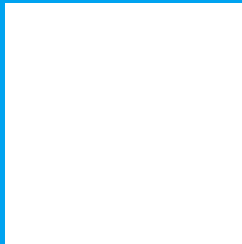
Any Text WCAG AAA ✓ Pass

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

Hex 00A3F0 Background



This preview shows how black text looks on a background with the Hex color 00A3F0.

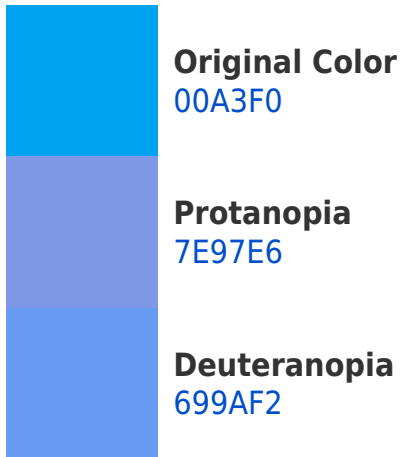


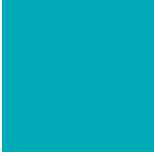
This preview shows how white text looks on a background with the Hex color 00A3F0.

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

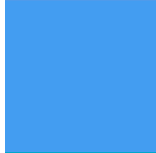
Trichromacy



Original Color
00A3F0



Protanomaly
509BEA



Deuteranomaly
439DF1



Tritanomaly
00A8CC

Monochromacy



Original Color
00A3F0



Achromatopsia
7B7B7B



Achromatomaly
4E8AA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A3F0 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 #00A3F0 looks like.

```
.text, #text, p{  
    color:#00A3F0  
}
```

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 #00A3F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A3F0
}
```

Border

The CSS property to change the border of an element to Hex 00A3F0 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
#00A3F0 }
```

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

```
.border{ border-color:#00A3F0 }
```

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

Here you see how a box with a 4 pixel #00A3F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A3F0; -webkit-box-shadow:4px 4px  
4px 4px #00A3F0; box-shadow:4px 4px 4px  
4px #00A3F0 }
```

Background

The CSS property to change the background color of an element to Hex 00A3F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A3F0 }
```

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

```
.background{ background-color:#00A3F0 }
```

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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