

Converting Colors

Hex(00A1F4)

Have a look what the booklet for
Hex(00A1F4) contains.

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Color

Hex(00A1F4)

Conversions

Conversions Part 1

Format	Color
Hex	00A1F4
RGB	0, 161, 244
RGB Percent	0%, 63%, 96%
CMY	1.0000, 0.3686, 0.0431
CMYK	1.00, 0.34, 0.00, 0.04
HSL	200°, 100%, 48%
HSV	200°, 100%, 96%
XYZ	29.0740, 32.0214, 90.2363
YIQ	122.3230, -122.5990, -8.3190

Conversions

Conversions Part 2

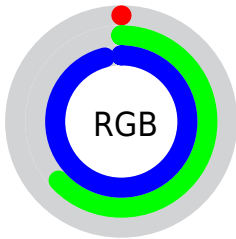
Format	Color
RYB	0, 97, 244
Decimal	41460
CIELab	63.36, -5.18, -51.03
CIElCh	63, 51.295, 264.206
Yxy	32.0214, 0.1921, 0.2116
Android (android.graphics.Color)	4278231540 (0xFF00A1F4)
YUV	122.3230, 59.9868, -107.2773
Hunter-Lab	56.5874, -7.3167, -54.9347

Details

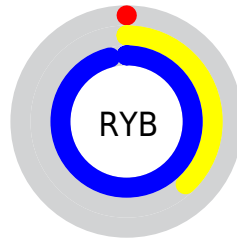
The Hex color **00A1F4** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F45300**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6DD7FF**, and **006EBB** is the 20% darker color. If you saturate the color by 10%, you get **00A1F4**, and if you desaturate by 10%, it is **18A9F4**.

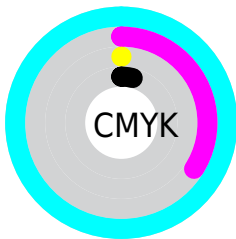
Distribution



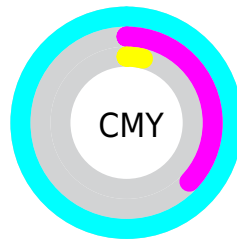
- Red (0%)
- Green (63%)
- Blue (96%)



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



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



- Cyan (100%)
- Magenta (37%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A1F4 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 00A1F4 by changing the saturation by 10% instead.

00A1F4

00A1F4

FFFFFF

0087D7

6DD7FF

006EBB

8FF4FF

0056A0

AFFFFF

003F85

CFFFFF

002A6C

EFFFFF

001653

00063B

000224

00000C

 00A1F4

 18A9F4

 31B2F4

 49BAF4

 62C2F4

 7ACBF4

 92D3F4

 ABDBF4

 C3E3F4

 DCECF4

Harmonies

Analogous

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



00ABE3



00A1F4



8D91ED

Triad

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



00A1F4



EE7477



56AB62

Complementary

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



00A1F4



F45300

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.



8FA242



00A1F4



DC8350

Square

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



00A1F4



E872A4



BB943B



00B08F

Rectangle

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



00A1F4



B885DB



BB943B



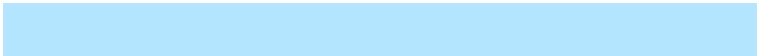
6BA955

Sweetspot

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



00A1F4



B3E5FF



00F451



527080



000000



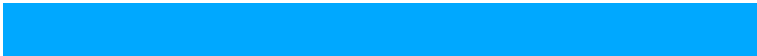
808080

Same Dimension

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



00A1F4



00A8FF



0029F4



6E767A



007BBA



00273B

Inverse Universe

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



F400A1



FF00A8



F4CB00



7A6E76



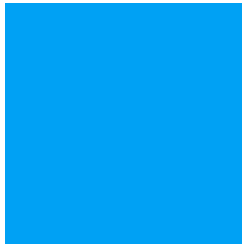
BA007B



3B0027

Previews

White Background



This preview shows how the Hex color 00A1F4 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 00A1F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

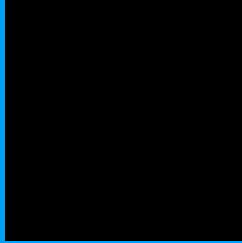
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

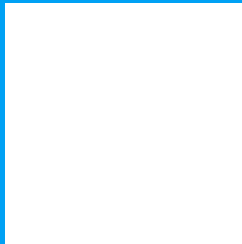
Any Text WCAG AAA ✓ Pass

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

Hex 00A1F4 Background



This preview shows how black text looks on a background with the Hex color 00A1F4.



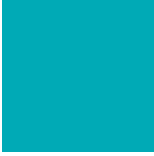
This preview shows how white text looks on a background with the Hex color 00A1F4.

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](#).

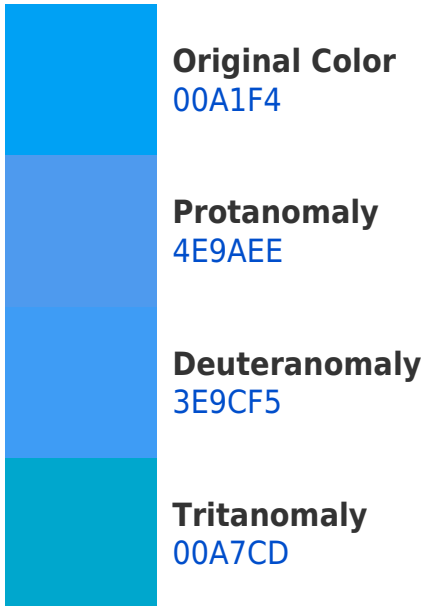
Dichromacy



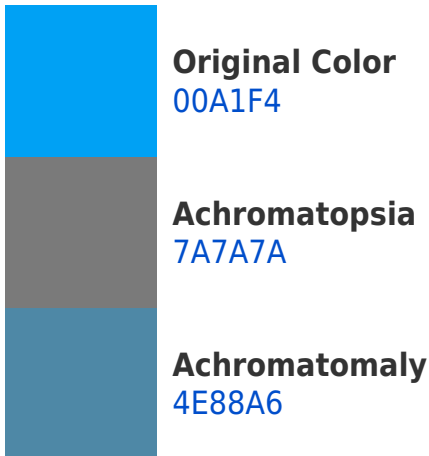


Tritanopia
00AAB6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A1F4 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 #00A1F4 looks like.

```
.text, #text, p{  
    color:#00A1F4  
}
```

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 #00A1F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1F4
}
```

Border

The CSS property to change the border of an element to Hex 00A1F4 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
#00A1F4 }
```

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

```
.border{ border-color:#00A1F4 }
```

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

Here you see how a box with a 4 pixel #00A1F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1F4; -webkit-box-shadow:4px 4px  
4px 4px #00A1F4; box-shadow:4px 4px 4px  
4px #00A1F4 }
```

Background

The CSS property to change the background color of an element to Hex 00A1F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1F4 }
```

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

```
.background{ background-color:#00A1F4 }
```

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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