

# Converting Colors

Hex(00A4F1)

Have a look what the booklet for  
Hex(00A4F1) contains.

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# **Color**

**Hex(00A4F1)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00A4F1                        |
| RGB         | 0, 164, 241                   |
| RGB Percent | 0%, 64%, 95%                  |
| CMY         | 1.0000, 0.3569, 0.0549        |
| CMYK        | 1.00, 0.32, 0.00, 0.05        |
| HSL         | 199°, 100%, 47%               |
| HSV         | 199°, 100%, 95%               |
| XYZ         | 29.1526, 32.9018, 88.0333     |
| YIQ         | 123.7420, -122.4610, -10.8210 |

# Conversions

## Conversions Part 2

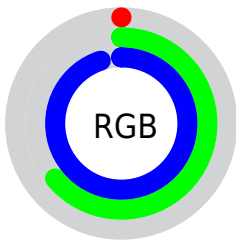
| <b>Format</b>                       | <b>Color</b>                                 |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">0, 98, 241</a>                   |
| Decimal                             | <a href="#">42225</a>                        |
| CIELab                              | <a href="#">64.08, -7.98, -48.25</a>         |
| CIELCh                              | <a href="#">64, 48.904, 260.607</a>          |
| Yxy                                 | <a href="#">32.9018, 0.1942, 0.2192</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4278232305<br/>(0xFF00A4F1)</a>  |
| YUV                                 | <a href="#">123.7420, 57.8082, -108.5217</a> |
| Hunter-Lab                          | <a href="#">57.3601, -9.6594, -50.8431</a>   |

# Details

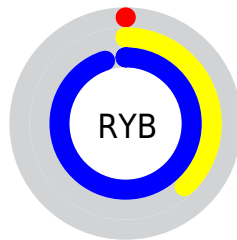
The Hex color **00A4F1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **F14D00**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6DDBFF**, and **0071B8** is the 20% darker color. If you saturate the color by 10%, you get **00A4F1**, and if you desaturate by 10%, it is **18ACF1**.

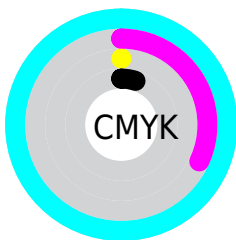
# Distribution



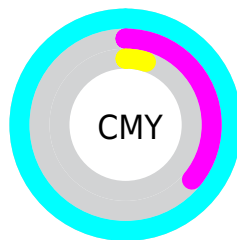
- Red (0%)
- Green (64%)
- Blue (95%)



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



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (5%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A4F1 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 00A4F1 by changing the saturation by 10% instead.



 00A4F1

 00A4F1

FFFFFF

 008AD4

 6DDBFF

 0071B8

 8FF7FF

 00589D

 AFFFFFF


 004183

 CEFFFF

 002C69

 EEEFFF

 001850

 000539

 000222

 000009

 00A4F1

 18ACF1

 30B3F1

 48BBF1

 60C3F1

 78CBF1

 91D2F1

 A9DAF1

 C1E2F1

 D9E9F1

# Harmonies

## Analogous

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



00ADDE



00A4F1



8895ED

# Triad

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



00A4F1



ED787F



64AC62

# Complementary

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



00A4F1



F14D00

# 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.



97A246



00A4F1



DF8459

# Square

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



00A4F1



E577AB



C19443



00B08C

# Rectangle

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



00A4F1



B38ADE



C19443



76A956



# Sweetspot

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



00A4F1



B3E7FF



00F14C



527180



000000



808080



# Same Dimension

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



00A4F1



00AEFF



002CF1



6C7478



007DB8



002638



# Inverse Universe

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



F100A4



FF00AE



F1C500



786C74



B8007D



380026



# Previews

## White Background



This preview shows how the Hex color 00A4F1 looks on a white background.

## Color Contrast Check

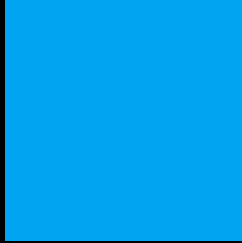
Large Text (above 18pt) WCAG AA × Fail

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 00A4F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

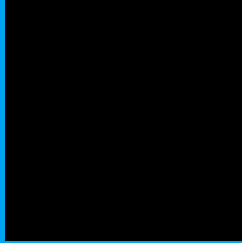
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

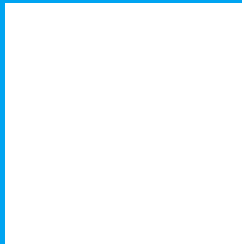
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A4F1 Background



This preview shows how black text looks on a background with the Hex color 00A4F1.



This preview shows how white text looks on a background with the Hex color 00A4F1.

# 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



# Trichromacy



**Original Color**  
00A4F1

**Protanomaly**  
519CEA

**Deuteranomaly**  
439EF2

# Monochromacy



**Original Color**  
00A4F1

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
4F8BA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A4F1 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 #00A4F1 looks like.

```
.text, #text, p{  
    color:#00A4F1  
}
```

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 #00A4F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4F1
}
```

## Border

The CSS property to change the border of an element to Hex 00A4F1 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
#00A4F1 }
```

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

```
.border{ border-color:#00A4F1 }
```

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

Here you see how a box with a 4 pixel #00A4F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4F1; -webkit-box-shadow:4px 4px  
4px 4px #00A4F1; box-shadow:4px 4px 4px  
4px #00A4F1 }
```

# Background

The CSS property to change the background color of an element to Hex 00A4F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4F1 }
```

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

```
.background{ background-color:#00A4F1 }
```

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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