

# Converting Colors

Hex(00A4F5)

Have a look what the booklet for  
Hex(00A4F5) contains.

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# **Color**

**Hex(00A4F5)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 00A4F5                       |
| RGB         | 0, 164, 245                  |
| RGB Percent | 0%, 64%, 96%                 |
| CMY         | 1.0000, 0.3569, 0.0392       |
| CMYK        | 1.00, 0.33, 0.00, 0.04       |
| HSL         | 200°, 100%, 48%              |
| HSV         | 200°, 100%, 96%              |
| XYZ         | 29.7569, 33.1435, 91.2152    |
| YIQ         | 124.1980, -123.7450, -9.5770 |

# Conversions

## Conversions Part 2

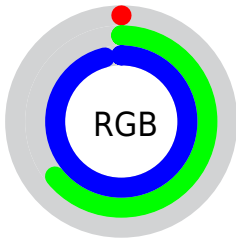
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 0, 98, 245                      |
| Decimal                             | 42229                           |
| CIELab                              | 64.28, -6.51, -50.13            |
| CIElCh                              | 64, 50.551, 262.600             |
| Yxy                                 | 33.1435, 0.1931,<br>0.2151      |
| Android<br>(android.graphics.Color) | 4278232309<br>(0xFF00A4F5)      |
| YUV                                 | 124.1980, 59.5554,<br>-108.9216 |
| Hunter-Lab                          | 57.5704, -8.4854,<br>-53.6405   |

# Details

The Hex color **00A4F5** 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 **F55100**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6EDBFF**, and **0071BC** is the 20% darker color. If you saturate the color by 10%, you get **00A4F5**, and if you desaturate by 10%, it is **18ACF5**.

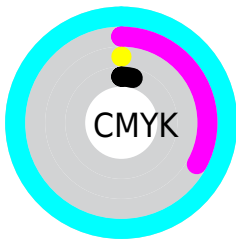
# Distribution



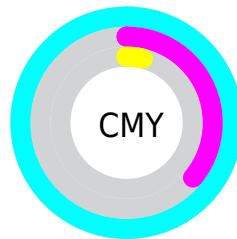
- Red (0%)
- Green (64%)
- Blue (96%)



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



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (36%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A4F5 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 00A4F5 by changing the saturation by 10% instead.



 00A4F5

 00A4F5

FFFFFF

 008AD8

 6EDBFF

 0071BC

 90F7FF

 0059A1

 B0FFFF

 004286

 D0FFFF

 002C6C

 EFFFFF

 001954

 00063C

 000225

 00010E

 00A4F5

 18ACF5

 31B4F5

 4ABCF5

 62C4F5

 7BCDF5

 93D5F5

 ABDDF5

 C4E5F5

 DDED5F5

# Harmonies

## Analogous

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



00AEE3



00A4F5



8C94EF

# Triad

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



00A4F5



F0777C



5EAD63

# Complementary

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



00A4F5



F55100

# 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.



94A444



00A4F5



E08555

# Square

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



00A4F5



E976A9



BF963F



00B28F

# Rectangle

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



00A4F5



B888DF



BF963F



72AA57

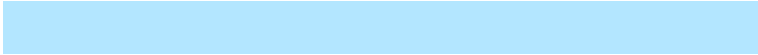


# Sweetspot

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



00A4F5



B3E6FF



00F54E



527080



000000



808080

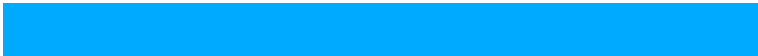


# Same Dimension

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



00A4F5



00ABFF



002DF5



6E767A



007DBA



00273B



# Inverse Universe

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



F500A4



FF00AB



F5C800



7A6E76



BA007D



3B0027



# Previews

## White Background



This preview shows how the Hex color 00A4F5 looks on a white background.

## Color Contrast Check

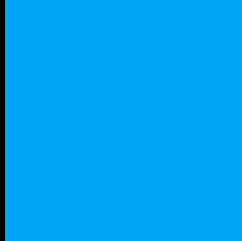
Large Text (above 18pt) WCAG AA × Fail

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 00A4F5 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

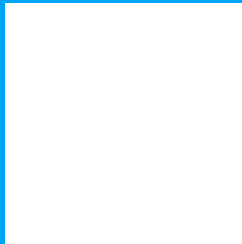
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A4F5 Background



This preview shows how black text looks on a background with the Hex color 00A4F5.

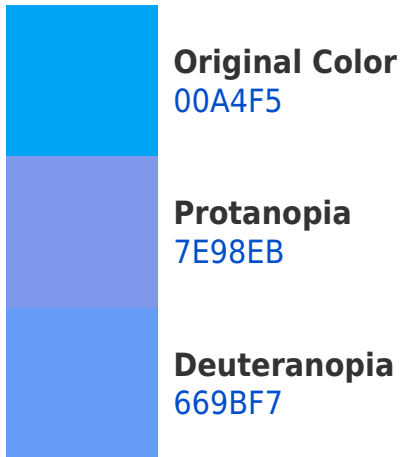


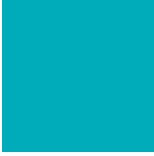
This preview shows how white text looks on a background with the Hex color 00A4F5.

# 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](#).

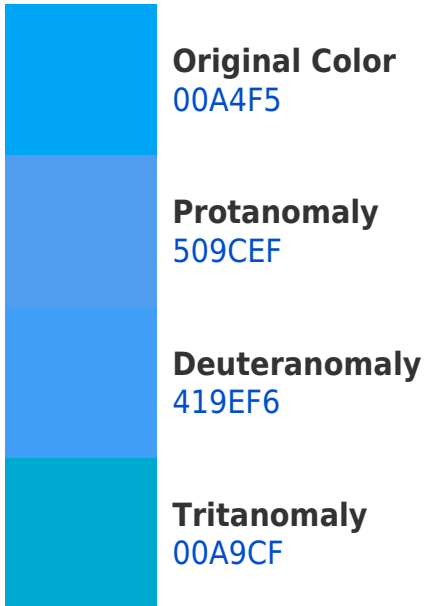
## Dichromacy



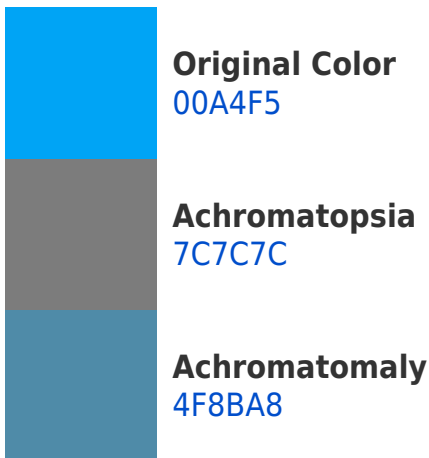


**Tritanopia**  
00ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A4F5 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 #00A4F5 looks like.

```
.text, #text, p{  
    color:#00A4F5  
}
```

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 #00A4F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4F5
}
```

## Border

The CSS property to change the border of an element to Hex 00A4F5 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
#00A4F5 }
```

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

```
.border{ border-color:#00A4F5 }
```

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

Here you see how a box with a 4 pixel #00A4F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4F5; -webkit-box-shadow:4px 4px  
4px 4px #00A4F5; box-shadow:4px 4px 4px  
4px #00A4F5 }
```

# Background

The CSS property to change the background color of an element to Hex 00A4F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4F5 }
```

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

```
.background{ background-color:#00A4F5 }
```

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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