

# Converting Colors

Hex(01A7F5)

Have a look what the booklet for  
Hex(01A7F5) contains.

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# Color

Hex(01A7F5)

# Conversions

## Conversions Part 1

Format	Color
Hex	01A7F5
RGB	1, 167, 245
RGB Percent	0%, 65%, 96%
CMY	0.9961, 0.3451, 0.0392
CMYK	1.00, 0.32, 0.00, 0.04
HSL	199°, 99%, 48%
HSV	199°, 100%, 96%
XYZ	30.3127, 34.2365, 91.3969
YIQ	126.2580, -123.9740, -10.9340

# Conversions

## Conversions Part 2

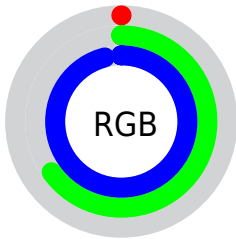
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	1, 100, 245
Decimal	108533
CIE Lab	65.15, -8.17, -48.75
CIE LCh	65, 49.430, 260.483
Yxy	34.2365, 0.1944, 0.2195
Android (android.graphics.Color)	4278298613 (0xFF01A7F5)
YUV	126.2580, 58.5398, -109.8513
Hunter-Lab	58.5119, -9.9222, -51.6539

# Details

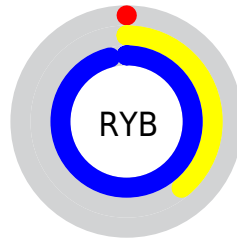
The Hex color **01A7F5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **F54F01**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6EDEFB**, and **0073BC** is the 20% darker color. If you saturate the color by 10%, you get **00A7F5**, and if you desaturate by 10%, it is **19AFF5**.

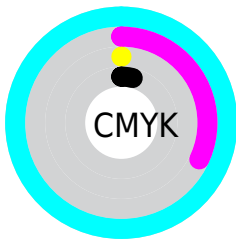
# Distribution



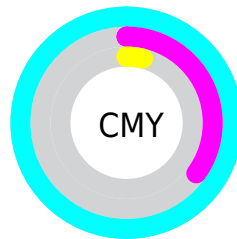
- Red (0%)
- Green (65%)
- Blue (96%)



- Red (0%)
- Yellow (39%)
- Blue (96%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (35%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01A7F5 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 01A7F5 by changing the saturation by 10% instead.



 01A7F5

 01A7F5

FFFFFF

 008DD8

 6EDEFF

 0073BC

 90FAFF

 005BA1

 B0FFFF

 004486

 D0FFFF

 002E6D

 F0FFFF

 001B54

 00063C

 000225

 00010E

■ 01A7F5

■ 01A7F5

■ 00A7F5

■ 19AFF5

■ 32B7F5

■ 4ABEF5

■ 63C6F5

■ 7BCEF5

■ 94D6F5

■ ADDEF5

■ C5E6F5

■ DEEDF5

# Harmonies

## Analogous

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



00B0E1



01A7F5



8A98F1

# Triad

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



01A7F5



F17A82



66AF64

# Complementary

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



01A7F5



F54F01

# 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.



9AA547



01A7F5



E3865B

# Square

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



01A7F5



E97AAE



C49744



00B48E

# Rectangle

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



01A7F5



B68CE2



C49744



79AC58

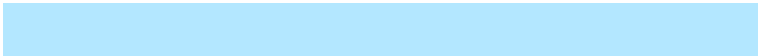


# Sweetspot

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



01A7F5



B3E7FF



01F54E



527180



000000



808080

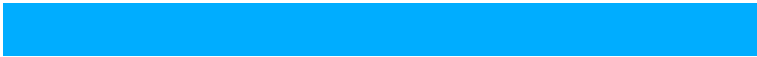


# Same Dimension

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



01A7F5



00ADFF



012EF5



6E767A



007FBA



00283B



# Inverse Universe

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



F501A7



FF00AD



F5C801



7A6E76



BA007F



3B0028



# Previews

## White Background



This preview shows how the Hex color 01A7F5 looks on a white background.

## Color Contrast Check

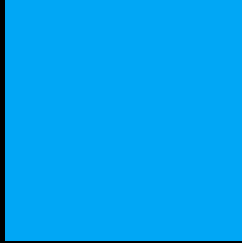
Large Text (above 18pt) WCAG AA × Fail

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 01A7F5 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

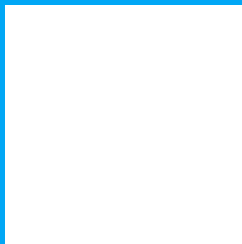
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 01A7F5 Background



This preview shows how black text looks on a background with the Hex color 01A7F5.

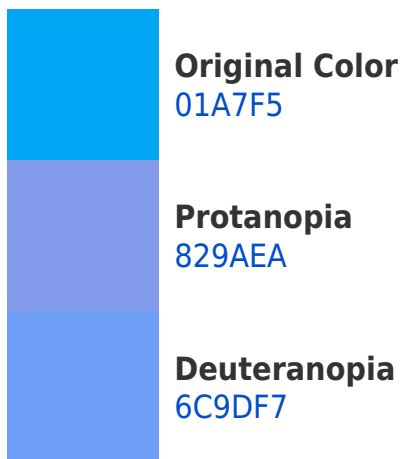


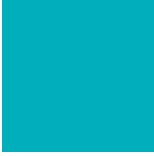
This preview shows how white text looks on a background with the Hex color 01A7F5.

# 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](#).

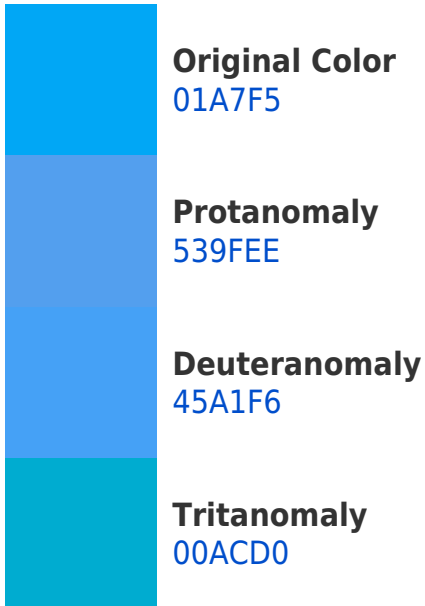
## Dichromacy





**Tritanopia**  
00AFBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01A7F5 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 #01A7F5 looks like.

```
.text, #text, p{  
    color:#01A7F5  
}
```

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 #01A7F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A7F5
}
```

## Border

The CSS property to change the border of an element to Hex 01A7F5 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
#01A7F5 }
```

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

```
.border{ border-color:#01A7F5 }
```

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

Here you see how a box with a 4 pixel #01A7F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A7F5; -webkit-box-shadow:4px 4px  
4px 4px #01A7F5; box-shadow:4px 4px 4px  
4px #01A7F5 }
```

# Background

The CSS property to change the background color of an element to Hex 01A7F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A7F5 }
```

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

```
.background{ background-color:#01A7F5 }
```

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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