

Converting Colors

Hex(00A6F5)

Have a look what the booklet for
Hex(00A6F5) contains.

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Color

Hex(00A6F5)

Conversions

Conversions Part 1

Format	Color
Hex	00A6F5
RGB	0, 166, 245
RGB Percent	0%, 65%, 96%
CMY	1.0000, 0.3490, 0.0392
CMYK	1.00, 0.32, 0.00, 0.04
HSL	199°, 100%, 48%
HSV	199°, 100%, 96%
XYZ	30.1176, 33.8650, 91.3354
YIQ	125.3720, -124.2950, -10.6230

Conversions

Conversions Part 2

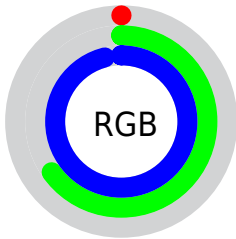
Format	Color
RYB	0, 99, 245
Decimal	42741
CIELab	64.86, -7.64, -49.22
CIElCh	65, 49.804, 261.179
Yxy	33.8650, 0.1939, 0.2180
Android (android.graphics.Color)	4278232821 (0xFF00A6F5)
YUV	125.3720, 58.9766, -109.9512
Hunter-Lab	58.1936, -9.4577, -52.3206

Details

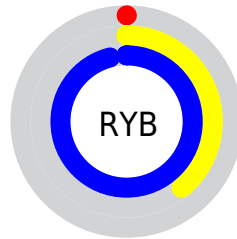
The Hex color **00A6F5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F54F00**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6EDDFF**, and **0072BC** is the 20% darker color. If you saturate the color by 10%, you get **00A6F5**, and if you desaturate by 10%, it is **18AEF5**.

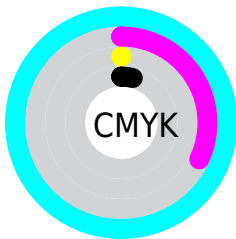
Distribution



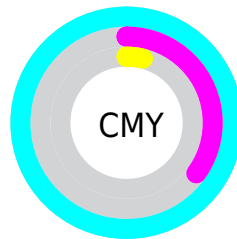
- Red (0%)
- Green (65%)
- Blue (96%)



- 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 00A6F5 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 00A6F5 by changing the saturation by 10% instead.

 00A6F5

 00A6F5

FFFFFF

 008CD8

 6EDDFF

 0072BC

 90F9FF

 005AA1

 B0FFFF

 004386

 D0FFFF

 002E6D

 EFFFFFF

 001A54

 00063C

 000225

 00010E

 00A6F5

 18AEF5

 31B6F5

 4ABEF5

 62C6F5

 7BCEF5

 93D5F5

 ABDDF5

 C4E5F5

 DDED5F5

Harmonies

Analogous

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



00B0E2



00A6F5



8B97F0

Triad

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



00A6F5



F17980



63AE63

Complementary

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



00A6F5



F54F00

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.



98A546



00A6F5



E28659

Square

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



00A6F5



E979AC



C39643



00B38E

Rectangle

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



00A6F5



B68BE1



C39643



77AB58

Sweetspot

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



00A6F5



B3E6FF



00F54E



527180



000000



808080

Same Dimension

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



00A6F5



00ADFF



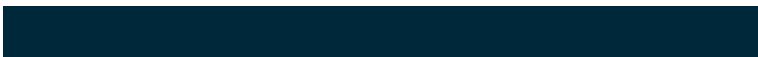
002DF5



6E767A



007EBA



00283B

Inverse Universe

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



F500A6



FF00AD



F5C800



7A6E76



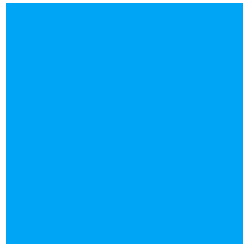
BA007E



3B0028

Previews

White Background



This preview shows how the Hex color 00A6F5 looks on a white background.

Color Contrast Check

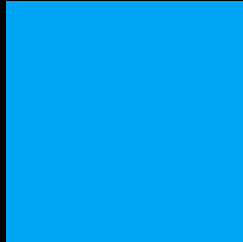
Large Text (above 18pt) WCAG AA × Fail

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 00A6F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

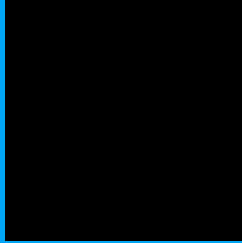
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

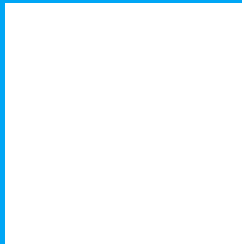
Any Text WCAG AAA ✓ Pass

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

Hex 00A6F5 Background



This preview shows how black text looks on a background with the Hex color 00A6F5.

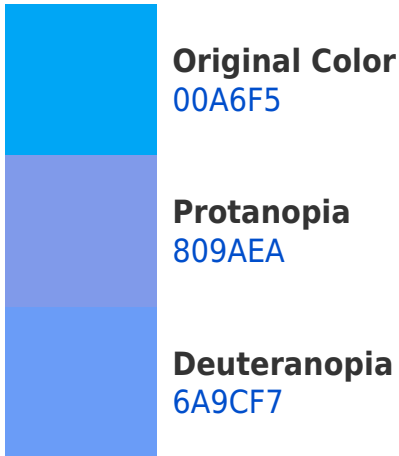


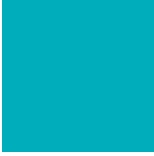
This preview shows how white text looks on a background with the Hex color 00A6F5.

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](#).

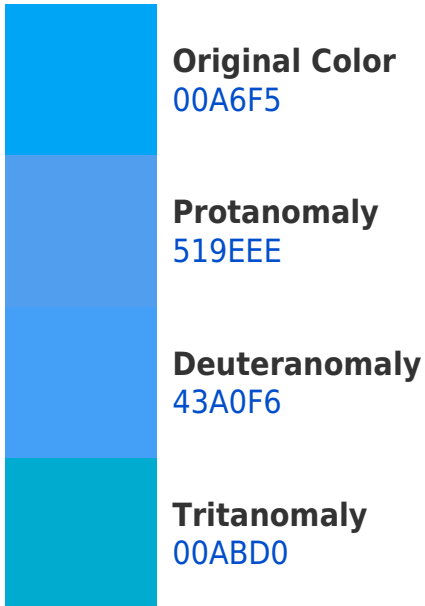
Dichromacy



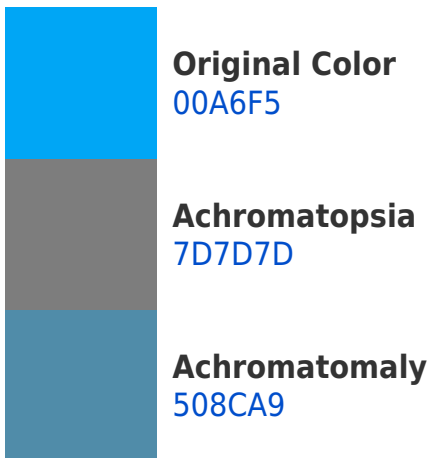


Tritanopia
00AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A6F5 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 #00A6F5 looks like.

```
.text, #text, p{  
    color:#00A6F5  
}
```

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 #00A6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6F5
}
```

Border

The CSS property to change the border of an element to Hex 00A6F5 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
#00A6F5 }
```

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

```
.border{ border-color:#00A6F5 }
```

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

Here you see how a box with a 4 pixel #00A6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6F5; -webkit-box-shadow:4px 4px  
4px 4px #00A6F5; box-shadow:4px 4px 4px  
4px #00A6F5 }
```

Background

The CSS property to change the background color of an element to Hex 00A6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6F5 }
```

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

```
.background{ background-color:#00A6F5 }
```

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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