

# Converting Colors

Hex(00A9F5)

Have a look what the booklet for  
Hex(00A9F5) contains.

<b>Hex(00A9F5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(00A9F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A9F5
RGB	0, 169, 245
RGB Percent	0%, 66%, 96%
CMY	1.0000, 0.3373, 0.0392
CMYK	1.00, 0.31, 0.00, 0.04
HSL	199°, 100%, 48%
HSV	199°, 100%, 96%
XYZ	30.6694, 34.9685, 91.5193
YIQ	127.1330, -125.1200, -12.1920

# Conversions

## Conversions Part 2

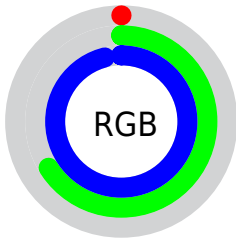
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 100, 245
Decimal	43509
CIELab	65.72, -9.31, -47.84
CIELCh	66, 48.742, 258.984
Yxy	34.9685, 0.1952, 0.2225
Android (android.graphics.Color)	4278233589 (0xFF00A9F5)
YUV	127.1330, 58.1084, -111.4956
Hunter-Lab	59.1342, -10.9074, -50.3666

# Details

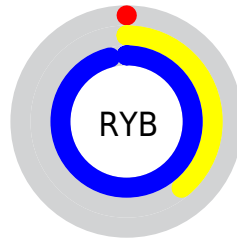
The Hex color **00A9F5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **F54C00**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6EE0FF**, and **0075BC** is the 20% darker color. If you saturate the color by 10%, you get **00A9F5**, and if you desaturate by 10%, it is **18B1F5**.

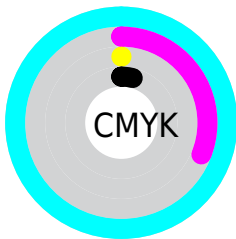
# Distribution



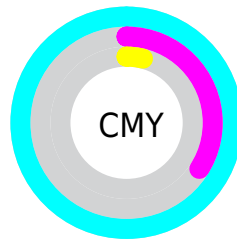
- Red (0%)
- Green (66%)
- Blue (96%)



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



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (4%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A9F5 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 00A9F5 by changing the saturation by 10% instead.



 00A9F5

FFFFFF

 6EE0FF

 90FDFF

 B0FFFF

 D0FFFF

 F0FFFF

 00A9F5

 008FD8

 0075BC

 005DA1

 004686

 00306D

 001C54

 00063C

 000225

 00010E

 00A9F5

 18B1F5

 31B8F5

 4AC0F5

 62C7F5

 7BCFF5

 93D7F5

 ABDEF5

 C4E6F5

 DDEDF5

# Harmonies

## Analogous

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



00B2E1



00A9F5



889AF2

# Triad

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



00A9F5



F27C86



6CB064

# Complementary

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



00A9F5



F54C00

# 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.



9EA649



00A9F5



E5885F

# Square

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



00A9F5



E87CB2



C79848



0AB58D

# Rectangle

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



00A9F5



B48FE4



C79848



7EAD59

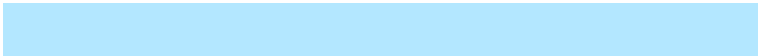


# Sweetspot

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



00A9F5



B3E7FF



00F54A



527180



000000



808080

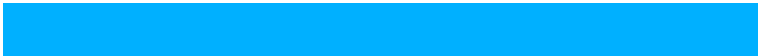


# Same Dimension

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



00A9F5



00B0FF



0031F5



6E777A



0080BA



00283B



# Inverse Universe

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



F500A9



FF00B0



F5C400



7A6E77



BA0080



3B0028



# Previews

## White Background



This preview shows how the Hex color 00A9F5 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 00A9F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

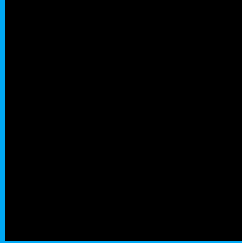
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

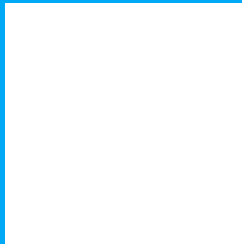
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A9F5 Background



This preview shows how black text looks on a background with the Hex color 00A9F5.

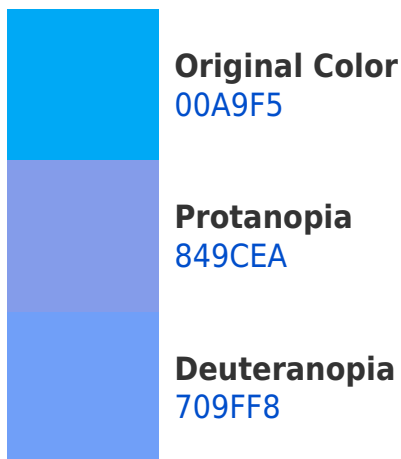


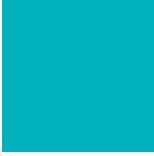
This preview shows how white text looks on a background with the Hex color 00A9F5.

# 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**  
00A9F5



**Protanomaly**  
54A1EE



**Deuteranomaly**  
47A3F7



**Tritanomaly**  
00ADD1

# Monochromacy



**Original Color**  
00A9F5



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
518EAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A9F5 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 #00A9F5 looks like.

```
.text, #text, p{  
    color:#00A9F5  
}
```

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 #00A9F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9F5
}
```

## Border

The CSS property to change the border of an element to Hex 00A9F5 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
#00A9F5 }
```

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

```
.border{ border-color:#00A9F5 }
```

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

Here you see how a box with a 4 pixel #00A9F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9F5; -webkit-box-shadow:4px 4px  
4px 4px #00A9F5; box-shadow:4px 4px 4px  
4px #00A9F5 }
```

# Background

The CSS property to change the background color of an element to Hex 00A9F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9F5 }
```

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

```
.background{ background-color:#00A9F5 }
```

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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