

Converting Colors

Hex(00AAF9)

Have a look what the booklet for
Hex(00AAF9) contains.

Hex(00AAF9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00AAF9)

Conversions

Conversions Part 1

Format	Color
Hex	00AAF9
RGB	0, 170, 249
RGB Percent	0%, 67%, 98%
CMY	1.0000, 0.3333, 0.0235
CMYK	1.00, 0.32, 0.00, 0.02
HSL	199°, 100%, 49%
HSV	199°, 100%, 98%
XYZ	31.4736, 35.5890, 94.8331
YIQ	128.1760, -126.6790, -11.4710

Conversions

Conversions Part 2

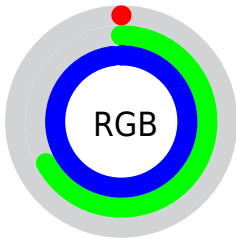
Format	Color
R _Y B	0, 101, 249
Decimal	43769
CIE Lab	66.20, -8.41, -49.27
CIE LCh	66, 49.979, 260.309
Yxy	35.5890, 0.1944, 0.2198
Android (android.graphics.Color)	4278233849 (0xFF00AAF9)
YUV	128.1760, 59.5662, -112.4104
Hunter-Lab	59.6565, -10.2258, -52.4909

Details

The Hex color **00AAF9** 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 **F94F00**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6FE1FF**, and **0076C0** is the 20% darker color. If you saturate the color by 10%, you get **00AAF9**, and if you desaturate by 10%, it is **19B2F9**.

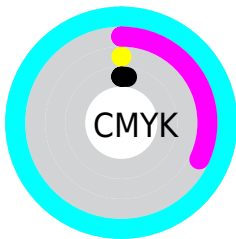
Distribution



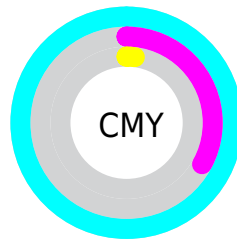
- Red (0%)
- Green (67%)
- Blue (98%)



- Red (0%)
- Yellow (40%)
- Blue (98%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AAF9 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 00AAF9 by changing the saturation by 10% instead.

00AAF9

00AAF9

FFFFFF

0090DC

6FE1FF

0076C0

91FEFF

005EA5

B1FFFF

00478A

D1FFFF

003170

F1FFFF

001D57

00063F

000328

000112

 00AAF9

 19B2F9

 32BAF9

 4BC2F9

 64CAF9

 7DD2F9

 95D9F9

 AEE1F9

 C7E9F9

 EOF1F9

Harmonies

Analogous

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



00B4E5



00AAF9



8C9BF5

Triad

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



00AAF9



F57C84



68B265

Complementary

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



00AAF9



F94F00

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.



9DA849



00AAF9



E7895D

Square

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



00AAF9



ED7CB1



C89946



00B790

Rectangle

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



00AAF9



B98FE6



C89946



7CAF5A

Sweetspot

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



00AAF9



B3E7FF



00F94F



527180



000000



808080

Same Dimension

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



00AAF9



00AEFF



002EF9



70797D



0081BD



002A3D

Inverse Universe

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



F900AA



FF00AE



F9CB00



7D7079



BD0081



3D002A

Previews

White Background



This preview shows how the Hex color 00AAF9 looks on a white background.

Color Contrast Check

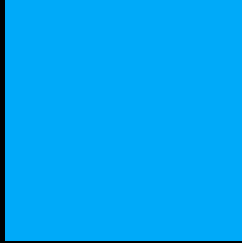
Large Text (above 18pt) WCAG AA × Fail

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 00AAF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

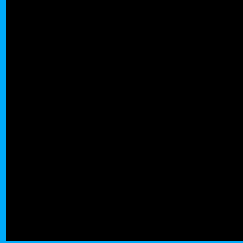
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

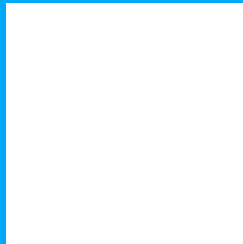
Any Text WCAG AAA ✓ Pass

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

Hex 00AAF9 Background



This preview shows how black text looks on a background with the Hex color 00AAF9.

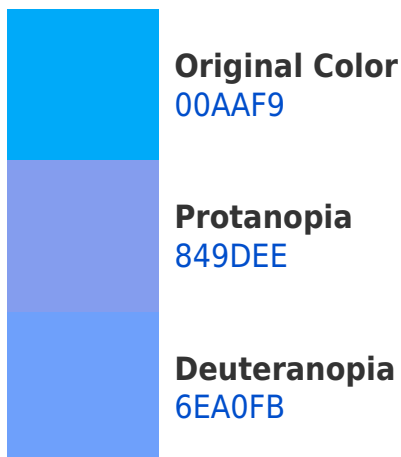


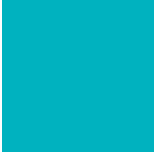
This preview shows how white text looks on a background with the Hex color 00AAF9.

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](#).

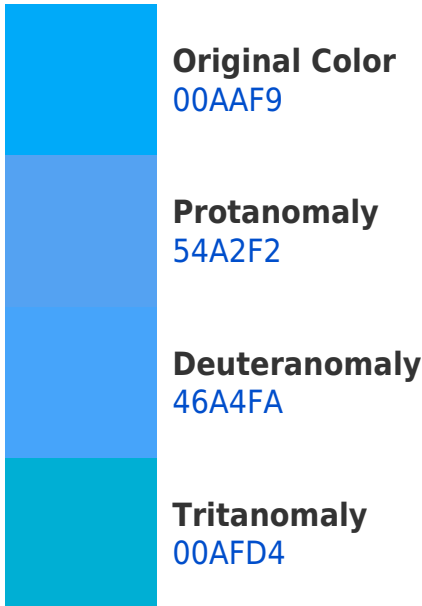
Dichromacy



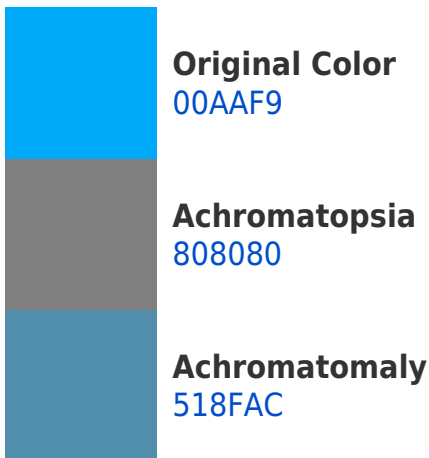


Tritanopia
00B2BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00AAF9 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 #00AAF9 looks like.

```
.text, #text, p{  
    color:#00AAF9  
}
```

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 #00AAF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AAF9
}
```

Border

The CSS property to change the border of an element to Hex 00AAF9 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
#00AAF9 }
```

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

```
.border{ border-color:#00AAF9 }
```

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

Here you see how a box with a 4 pixel #00AAF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AAF9; -webkit-box-shadow:4px 4px  
4px 4px #00AAF9; box-shadow:4px 4px 4px  
4px #00AAF9 }
```

Background

The CSS property to change the background color of an element to Hex 00AAF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AAF9 }
```

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

```
.background{ background-color:#00AAF9 }
```

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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