

Converting Colors

Hex(00ABFA)

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

Hex(00ABFA)	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>	28

Color

Hex(00ABFA)

Conversions

Conversions Part 1

Format	Color
Hex	00ABFA
RGB	0, 171, 250
RGB Percent	0%, 67%, 98%
CMY	1.0000, 0.3294, 0.0196
CMYK	1.00, 0.32, 0.00, 0.02
HSL	199°, 100%, 49%
HSV	199°, 100%, 98%
XYZ	31.8182, 36.0279, 95.7196
YIQ	128.8770, -127.2750, -11.6830

Conversions

Conversions Part 2

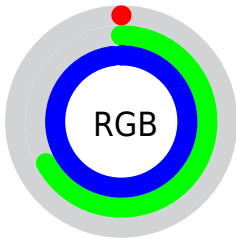
Format	Color
R _{YB}	0, 102, 250
Decimal	44026
CIE _{Lab}	66.54, -8.61, -49.28
CIE _{LCh}	67, 50.025, 260.094
Yxy	36.0279, 0.1945, 0.2203
Android (android.graphics.Color)	4278234106 (0xFF00ABFA)
YUV	128.8770, 59.7136, -113.0251
Hunter-Lab	60.0233, -10.4182, -52.5339

Details

The Hex color **00ABFA** 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 **FA4F00**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6FE2FF**, and **0077C1** is the 20% darker color. If you saturate the color by 10%, you get **00ABFA**, and if you desaturate by 10%, it is **19B3FA**.

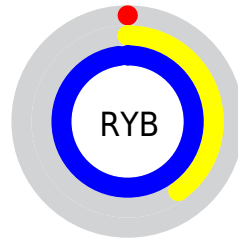
Distribution



Red (0%)

Green (67%)

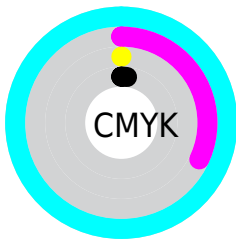
Blue (98%)



Red (0%)

Yellow (40%)

Blue (98%)

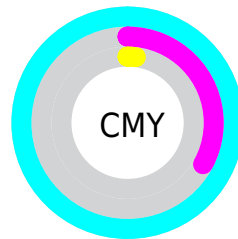


Cyan (100%)

Magenta (32%)

Yellow (0%)

Black (2%)



Cyan (100%)

Magenta (33%)

Yellow (2%)

Brightness & Saturation Gradients

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

 00ABFA

 00ABFA


FFFFFF

 0091DD

 6FE2FF

 0077C1

 91FFFF

 005FA6

 B2FFFF

 00478B

 D2FFFF

 003171

 F1FFFF

 001E58

 000740

 000329

 000113

 00ABFA

 19B3FA

 32BBFA

 4BC3FA

 64CBFA

 7DD3FA

 96DAFA

 AFE2FA

 C8EAFA

 E1F2FA

Harmonies

Analogous

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



00B5E6



00ABFA



8D9CF6

Triad

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



00ABFA



F67D85



6AB266

Complementary

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



00ABFA



FA4F00

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.



9EA94A



00ABFA



E88A5E

Square

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



00ABFA



ED7DB3



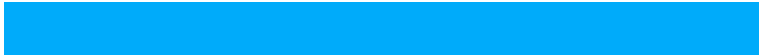
C99A47



00B891

Rectangle

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



00ABFA



B990E7



C99A47



7DB05A

Sweetspot

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



00ABFA



B3E7FF



00FA4B



527180



000000



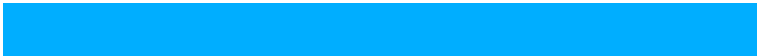
808080

Same Dimension

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



00ABFA



00AEFF



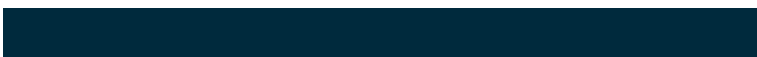
0032FA



70797D



0081BD



002A3D

Inverse Universe

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



FA00AB



FF00AE



FAC800



7D7079



BD0081



3D002A

Previews

White Background



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

Color Contrast Check

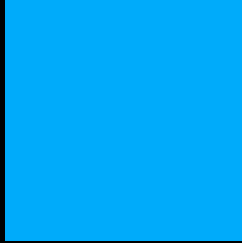
Large Text (above 18pt) WCAG AA × Fail

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 00ABFA 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

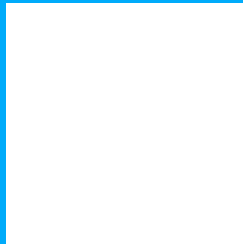
Any Text WCAG AAA ✓ Pass

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

Hex 00ABFA Background



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



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

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
00ABFA

Protanomaly
55A3F3

Deuteranomaly
47A5FB

Monochromacy



Original Color
00ABFA

Achromatopsia
818181

Achromatomaly
5290AD

CSS Examples

Text

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

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

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 #00ABFA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor