

Converting Colors

Hex(00A0FD)

Have a look what the booklet for
Hex(00A0FD) contains.

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Color

Hex(00A0FD)

Conversions

Conversions Part 1

Format	Color
Hex	00A0FD
RGB	0, 160, 253
RGB Percent	0%, 63%, 99%
CMY	1.0000, 0.3725, 0.0078
CMYK	1.00, 0.37, 0.00, 0.01
HSL	202°, 100%, 50%
HSV	202°, 100%, 99%
XYZ	30.3004, 32.2335, 97.5532
YIQ	122.7620, -125.2130, -4.9970

Conversions

Conversions Part 2

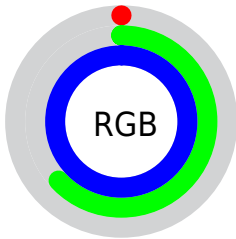
Format	Color
RYB	0, 98, 253
Decimal	41213
CIELab	63.54, -1.26, -55.68
CIELCh	64, 55.692, 268.704
Yxy	32.2335, 0.1893, 0.2013
Android (android.graphics.Color)	4278231293 (0xFF00A0FD)
YUV	122.7620, 64.2073, -107.6623
Hunter-Lab	56.7745, -4.0904, -62.1333

Details

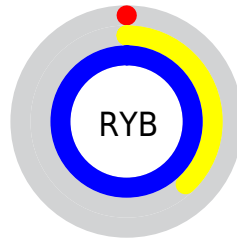
The Hex color **00A0FD** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FD5D00**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **70D6FF**, and **006DC4** is the 20% darker color. If you saturate the color by 10%, you get **00A0FD**, and if you desaturate by 10%, it is **19A9FD**.

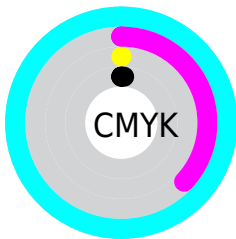
Distribution



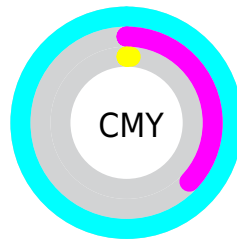
- Red (0%)
- Green (63%)
- Blue (99%)



- Red (0%)
- Yellow (38%)
- Blue (99%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (37%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A0FD 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 00A0FD by changing the saturation by 10% instead.

 00A0FD

 00A0FD

FFFFFF

 0086E0

 70D6FF

 006DC4

 92F3FF

 0055A8

 B2FFFF

 003F8D

 D2FFFF

 002A73

 F2FFFF

 00165A

 000742

 00032B

 000115

 00A0FD

 19A9FD

 33B3FD

 4CBCFD

 65C5FD

 7FCFFD

 98D8FD

 B1E1FD

 CAEAFD

 E4F4FD

Harmonies

Analogous

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



00ACEE



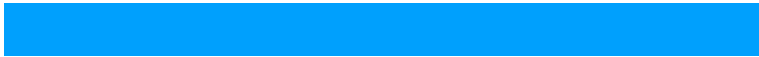
00A0FD



988EF1

Triad

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



00A0FD



F3726D



41AE64

Complementary

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



00A0FD



FD5D00

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.



85A53D



00A0FD



DD8445

Square

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



00A0FD



F26D9E



B79730



00B296

Rectangle

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



00A0FD



C480DC



B79730



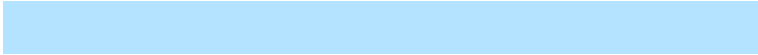
5CAB55

Sweetspot

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



00A0FD



B3E3FF



00FD5D



526F80



000000



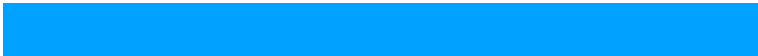
808080

Same Dimension

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



00A0FD



00A1FF



0022FD



737B80



0079BF



002840

Inverse Universe

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



FD00A0



FF00A1



FDDB00



80737B



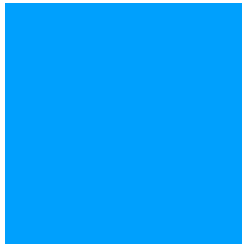
BF0079



400028

Previews

White Background



This preview shows how the Hex color 00A0FD looks on a white background.

Color Contrast Check

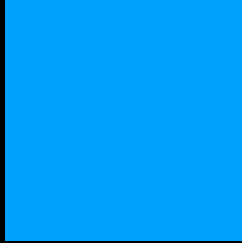
Large Text (above 18pt) WCAG AA × Fail

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 00A0FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

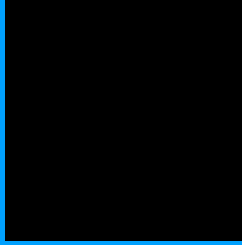
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

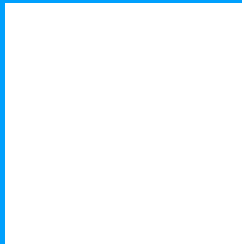
Any Text WCAG AAA ✓ Pass

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

Hex 00A0FD Background



This preview shows how black text looks on a background with the Hex color 00A0FD.



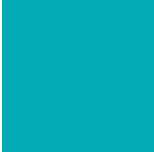
This preview shows how white text looks on a background with the Hex color 00A0FD.

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
00AAB6

Trichromacy



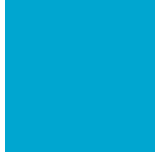
Original Color
00A0FD



Protanomaly
4A9AF7



Deuteranomaly
369CFE



Tritanomaly
00A6D0

Monochromacy



Original Color
00A0FD



Achromatopsia
7B7B7B



Achromatomaly
4E88AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A0FD 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 #00A0FD looks like.

```
.text, #text, p{  
    color:#00A0FD  
}
```

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 #00A0FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0FD
}
```

Border

The CSS property to change the border of an element to Hex 00A0FD 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
#00A0FD }
```

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

```
.border{ border-color:#00A0FD }
```

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

Here you see how a box with a 4 pixel #00A0FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0FD; -webkit-box-shadow:4px 4px  
4px 4px #00A0FD; box-shadow:4px 4px 4px  
4px #00A0FD }
```

Background

The CSS property to change the background color of an element to Hex 00A0FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0FD }
```

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

```
.background{ background-color:#00A0FD }
```

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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