

Converting Colors

Hex(00AFFD)

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

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Color

Hex(00AFFD)

Conversions

Conversions Part 1

Format	Color
Hex	00AFFD
RGB	0, 175, 253
RGB Percent	0%, 69%, 99%
CMY	1.0000, 0.3137, 0.0078
CMYK	1.00, 0.31, 0.00, 0.01
HSL	198°, 100%, 50%
HSV	198°, 100%, 99%
XYZ	33.0596, 37.7518, 98.4729
YIQ	131.5670, -129.3380, -12.8420

Conversions

Conversions Part 2

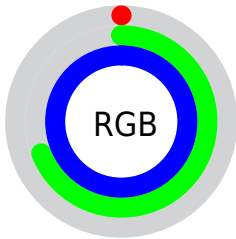
Format	Color
R _{YB}	0, 103, 253
Decimal	45053
CIE _{Lab}	67.84, -9.73, -48.86
CIE _{LCh}	68, 49.825, 258.733
Yxy	37.7518, 0.1953, 0.2230
Android (android.graphics.Color)	4278235133 (0xFF00AFFD)
YUV	131.5670, 59.8665, -115.3843
Hunter-Lab	61.4425, -11.4811, -52.0134

Details

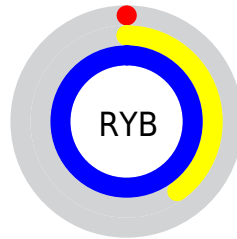
The Hex color **00AFFD** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **FD4E00**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **70E6FF**, and **007BC4** is the 20% darker color. If you saturate the color by 10%, you get **00AFFD**, and if you desaturate by 10%, it is **19B7FD**.

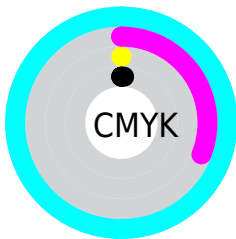
Distribution



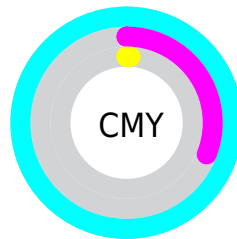
- Red (0%)
- Green (69%)
- Blue (99%)



- Red (0%)
- Yellow (40%)
- Blue (99%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (31%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 00AFFD

 00AFFD

FFFFFF

 0094E0

 70E6FF

 007BC4

 92FFFF

 0062A8

 B3FFFF

 004B8E

 D3FFFF

 003474

 F3FFFF

 00205A

 000743

 00032B

 000116

 00AFFD

 19B7FD

 33BFFD

 4CC6FD

 65CEFD

 7FD6FD

 98DEFD

 B1E6FD

 CAEDFD

 E4F5FD

Harmonies

Analogous

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



00B8E8



00AFFD



8DA0FA

Triad

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



00AFFD



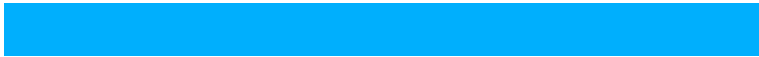
FA818B



70B668

Complementary

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



00AFFD



FD4E00

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.



A4AB4C



00AFFD



ED8C63

Square

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



00AFFD



F081B8



CE9D4B



11BB92

Rectangle

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



00AFFD



BA94EC



CE9D4B



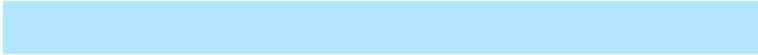
83B35C

Sweetspot

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



00AFFD



B3E7FF



00FD4C



527180



000000



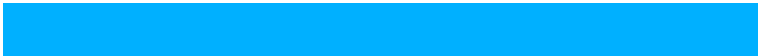
808080

Same Dimension

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



00AFFD



00B0FF



0033FD



737C80



0084BF



002C40

Inverse Universe

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



FD00AF



FF00B0



FDCA00



80737C



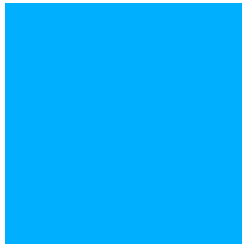
BF0084



40002C

Previews

White Background



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

Color Contrast Check

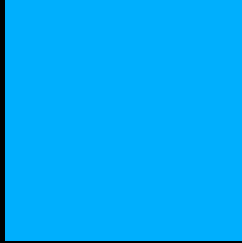
Large Text (above 18pt) WCAG AA × Fail

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 00AFFD 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

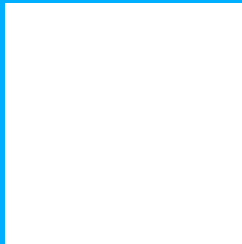
Any Text WCAG AAA ✓ Pass

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

Hex 00AFFD Background



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

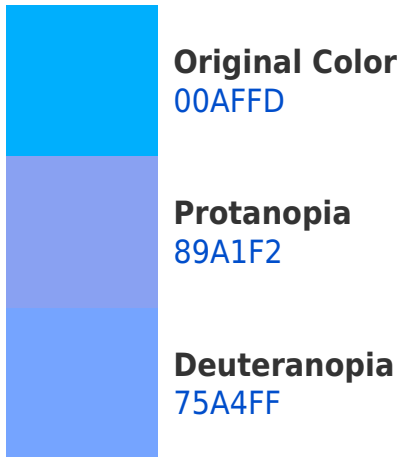


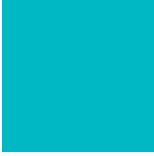
This preview shows how white text looks on a background with the Hex color 00AFFD.

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
00B7C4

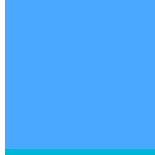
Trichromacy



Original Color
00AFFD



Protanomaly
57A6F6



Deuteranomaly
4AA8FE



Tritanomaly
00B4D9

Monochromacy



Original Color
00AFFD



Achromatopsia
848484



Achromatomaly
5494B0

CSS Examples

Text

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

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

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 #00AFFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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