

Converting Colors

Hex(00AFF8)

Have a look what the booklet for
Hex(00AFF8) contains.

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Color

Hex(00AFF8)

Conversions

Conversions Part 1

Format	Color
Hex	00AFF8
RGB	0, 175, 248
RGB Percent	0%, 69%, 97%
CMY	1.0000, 0.3137, 0.0275
CMYK	1.00, 0.29, 0.00, 0.03
HSL	198°, 100%, 49%
HSV	198°, 100%, 97%
XYZ	32.2732, 37.4373, 94.3321
YIQ	130.9970, -127.7330, -14.3970

Conversions

Conversions Part 2

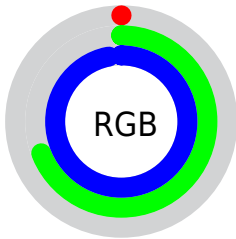
Format	Color
RYB	0, 103, 248
Decimal	45048
CIELab	67.60, -11.54, -46.52
CIELCh	68, 47.927, 256.069
Yxy	37.4373, 0.1967, 0.2282
Android (android.graphics.Color)	4278235128 (0xFF00AFF8)
YUV	130.9970, 57.6825, -114.8844
Hunter-Lab	61.1860, -12.9236, -48.5788

Details

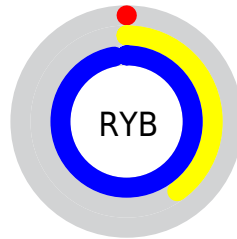
The Hex color **00AFF8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **F84900**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6FE6FF**, and **007BBF** is the 20% darker color. If you saturate the color by 10%, you get **00AFF8**, and if you desaturate by 10%, it is **19B6F8**.

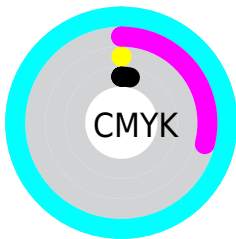
Distribution



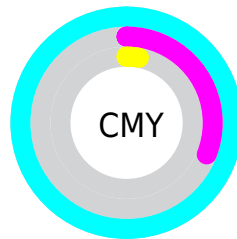
- Red (0%)
- Green (69%)
- Blue (97%)



- Red (0%)
- Yellow (40%)
- Blue (97%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (31%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AFF8 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 00AFF8 by changing the saturation by 10% instead.

 00AFF8

FFFFFF

 6FE6FF

 91FFFF

 B1FFFF

 D1FFFF

 F1FFFF

 00AFF8

 0094DB


 007BBF

 0062A4

 004A89

 00346F

 002056

 00063F

 000328

 000112

 00AFF8

 19B6F8

 32BEF8

 4AC5F8

 63CCF8

 7CD3F8

 95DBF8

 AEE2F8

 C6E9F8

 DFF1F8

Harmonies

Analogous

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



00B8E2



00AFF8



87A1F8

Triad

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



00AFF8



F7818F



77B467

Complementary

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



00AFF8



F84900

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.



A8AA4E



00AFF8



EC8C68

Square

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



00AFF8



EB83BB



D09B50



2FB98E

Rectangle

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



00AFF8



B496EB



D09B50



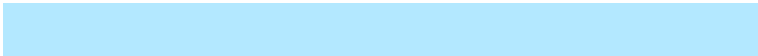
88B15C

Sweetspot

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



00AFF8



B3E8FF



00F846



527280



000000



808080

Same Dimension

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



00AFF8



00B4FF



0036F8



70797D



0085BD



002B3D

Inverse Universe

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



F800AF



FF00B4



F8C200



7D7079



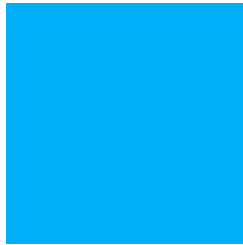
BD0085



3D002B

Previews

White Background



This preview shows how the Hex color 00AFF8 looks on a white background.

Color Contrast Check

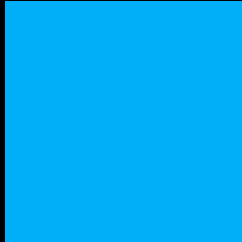
Large Text (above 18pt) WCAG AA × Fail

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 00AFF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

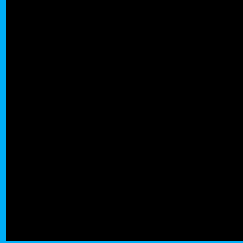
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

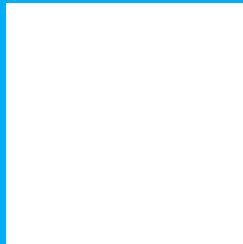
Any Text WCAG AAA ✓ Pass

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

Hex 00AFF8 Background



This preview shows how black text looks on a background with the Hex color 00AFF8.

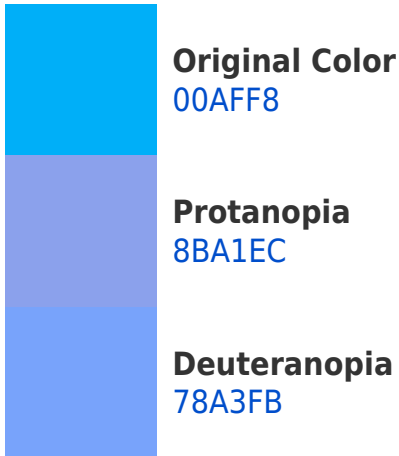


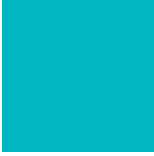
This preview shows how white text looks on a background with the Hex color 00AFF8.

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](#).

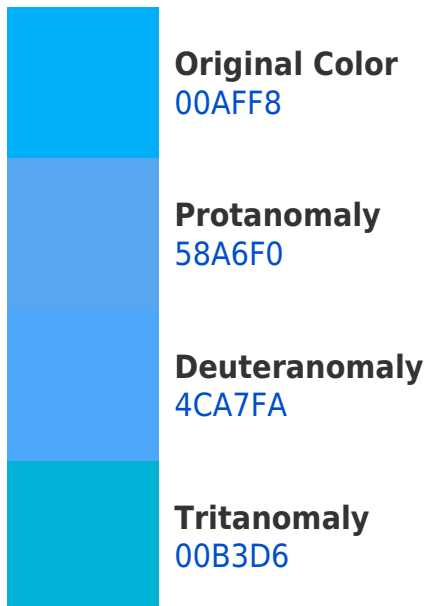
Dichromacy





Tritanopia
00B6C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00AFF8 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 #00AFF8 looks like.

```
.text, #text, p{  
    color:#00AFF8  
}
```

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 #00AFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AFF8
}
```

Border

The CSS property to change the border of an element to Hex 00AFF8 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
#00AFF8 }
```

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

```
.border{ border-color:#00AFF8 }
```

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

Here you see how a box with a 4 pixel #00AFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AFF8; -webkit-box-shadow:4px 4px  
4px 4px #00AFF8; box-shadow:4px 4px 4px  
4px #00AFF8 }
```

Background

The CSS property to change the background color of an element to Hex 00AFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AFF8 }
```

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

```
.background{ background-color:#00AFF8 }
```

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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