

Converting Colors

Hex(00AEFF)

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

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Color

Hex(00AEFF)

Conversions

Conversions Part 1

Format	Color
Hex	00AEFF
RGB	0, 174, 255
RGB Percent	0%, 68%, 100%
CMY	1.0000, 0.3176, 0.0000
CMYK	1.00, 0.32, 0.00, 0.00
HSL	199°, 100%, 50%
HSV	199°, 100%, 100%
XYZ	33.1861, 37.4921, 100.0954
YIQ	131.2080, -129.7050, -11.6970

Conversions

Conversions Part 2

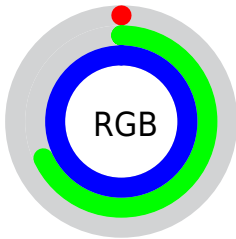
Format	Color
R _{YB}	0, 103, 255
Decimal	44799
CIE Lab	67.64, -8.46, -50.25
CIE LCh	68, 50.960, 260.448
Yxy	37.4921, 0.1943, 0.2195
Android (android.graphics.Color)	4278234879 (0xFF00AEFF)
YUV	131.2080, 61.0295, -115.0694
Hunter-Lab	61.2308, -10.4099, -54.0611

Details

The Hex color **00AEFF** 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 **FF5100**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **71E5FF**, and **007AC6** is the 20% darker color. If you saturate the color by 10%, you get **00AEFF**, and if you desaturate by 10%, it is **19B6FF**.

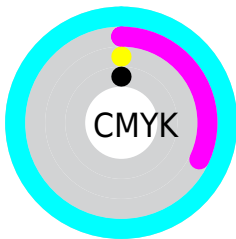
Distribution



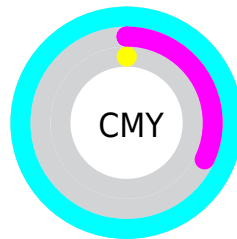
- Red (0%)
- Green (68%)
- Blue (100%)



- Red (0%)
- Yellow (40%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 00AEFF

 00AEFF

FFFFFF

 0094E2

 71E5FF

 007AC6

 93FFFF

 0061AA

 B3FFFF

 004A8F

 D3FFFF

 003475

 F3FFFF

 00205C

 000744

 00032D

 000117

 00AEFF

 19B6FF

 33BEFF

 4DC6FF

 66CEFF

 80D7FF

 99DFFF

 B3E7FF

 CCEFFF

 E6F7FF

Harmonies

Analogous

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



00B8EB



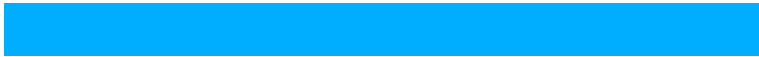
00AEFF



909EFB

Triad

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



00AEFF



FB7F87



6BB668

Complementary

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



00AEFF



FF5100

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.



A1AC4B



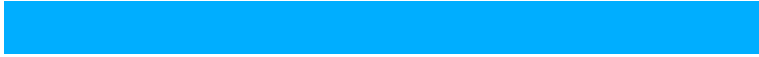
00AEFF



EC8C5F

Square

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



00AEFF



F27FB5



CC9D48



00BB94

Rectangle

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



00AEFF



BD92EB



CC9D48



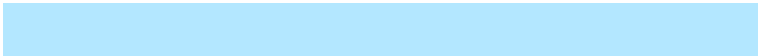
7EB35C

Sweetspot

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



00AEFF



B3E7FF



00FF51



527180



000000



808080

Same Dimension

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



00AEFF



002FFF



737B80



0083BF



002C40

Inverse Universe

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



FF00AE



FFD000



80737B



BF0083



40002C

Previews

White Background



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

Color Contrast Check

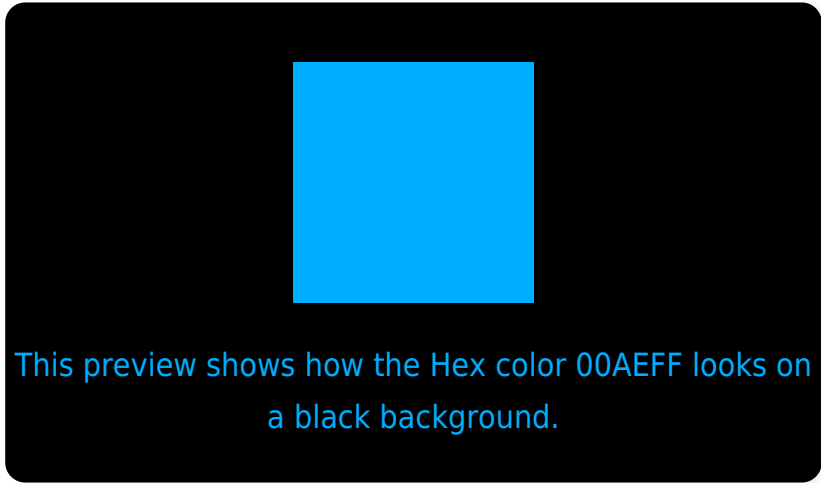
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

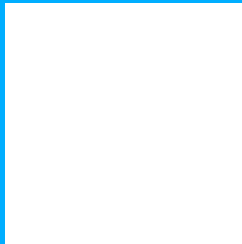
Any Text WCAG AAA ✓ Pass

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

Hex 00AEFF Background



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

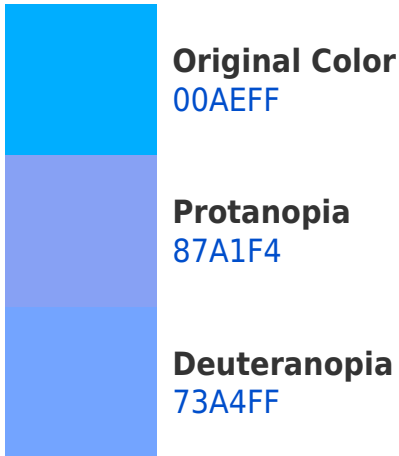


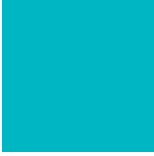
This preview shows how white text looks on a background with the Hex color 00AEFF.

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](#).

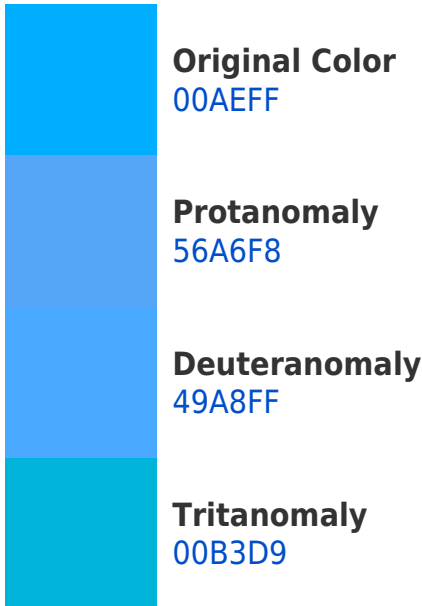
Dichromacy



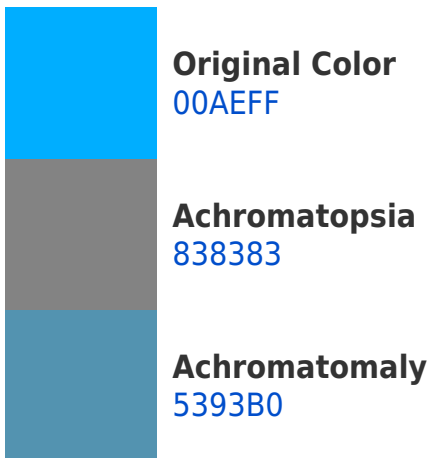


Tritanopia
00B6C3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #00AEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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