

Converting Colors

Hex(00A8FF)

Have a look what the booklet for
Hex(00A8FF) contains.

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Color

Hex(00A8FF)

Conversions

Conversions Part 1

Format	Color
Hex	00A8FF
RGB	0, 168, 255
RGB Percent	0%, 66%, 100%
CMY	1.0000, 0.3412, 0.0000
CMYK	1.00, 0.34, 0.00, 0.00
HSL	200°, 100%, 50%
HSV	200°, 100%, 100%
XYZ	32.0526, 35.2253, 99.7175
YIQ	127.6860, -128.0550, -8.5590

Conversions

Conversions Part 2

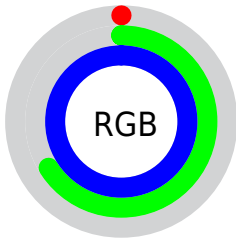
Format	Color
RYB	0, 101, 255
Decimal	43263
CIELab	65.92, -5.09, -52.98
CIELCh	66, 53.219, 264.508
Yxy	35.2253, 0.1919, 0.2109
Android (android.graphics.Color)	4278233343 (0xFF00A8FF)
YUV	127.6860, 62.7658, -111.9806
Hunter-Lab	59.3509, -7.4645, -58.0697

Details

The Hex color **00A8FF** 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 **FF5700**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **70DFFF**, and **0074C6** is the 20% darker color. If you saturate the color by 10%, you get **00A8FF**, and if you desaturate by 10%, it is **19B1FF**.

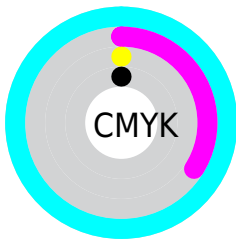
Distribution



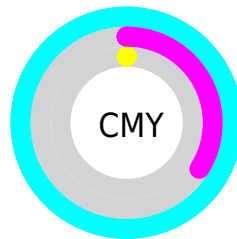
- Red (0%)
- Green (66%)
- Blue (100%)



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



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A8FF 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 00A8FF by changing the saturation by 10% instead.

 00A8FF

 00A8FF

FFFFFF

 008EE2

 70DFFF

 0074C6

 92FBFF

 005CAA

 B3FFFF


 00458F

 D3FFFF

 003075

 F3FFFF

 001C5C

 000744

 00032C

 000117

 00A8FF

 19B1FF

 33B9FF

 4DC2FF

 66CBFF

 80D3FF

 99DCFF

 B3E5FF

 CCEEFF

 E6F6FF

Harmonies

Analogous

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



00B3ED



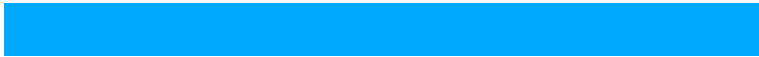
00A8FF



9497F7

Triad

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



00A8FF



F87A7B



59B366

Complementary

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



00A8FF



FF5700

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.



94A944



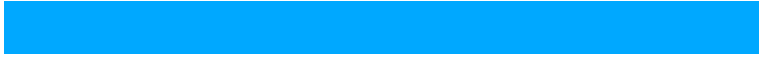
00A8FF



E68953

Square

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



00A8FF



F377AB



C39B3D



00B795

Rectangle

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



00A8FF



C18AE5



C39B3D



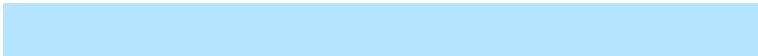
6FB059

Sweetspot

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



00A8FF



B3E5FF



00FF55



527080



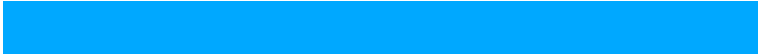
000000



808080

Same Dimension

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



00A8FF



002BFF



737B80



007EBF



002A40

Inverse Universe

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



FF00A8



FFD500



80737B



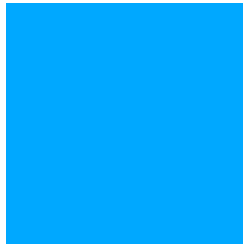
BF007E



40002A

Previews

White Background



This preview shows how the Hex color 00A8FF looks on a white background.

Color Contrast Check

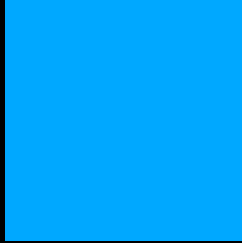
Large Text (above 18pt) WCAG AA × Fail

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 00A8FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

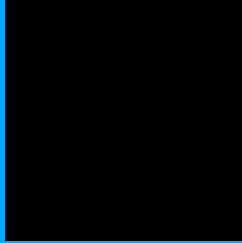
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

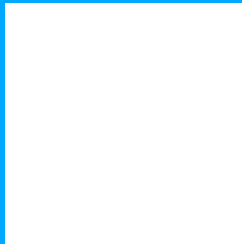
Any Text WCAG AAA ✓ Pass

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

Hex 00A8FF Background



This preview shows how black text looks on a background with the Hex color 00A8FF.

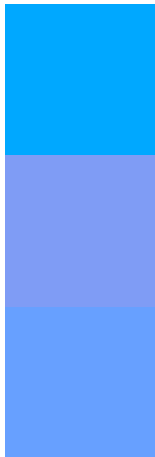


This preview shows how white text looks on a background with the Hex color 00A8FF.

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](#).

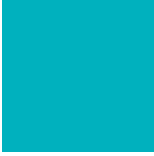
Dichromacy



Original Color
00A8FF

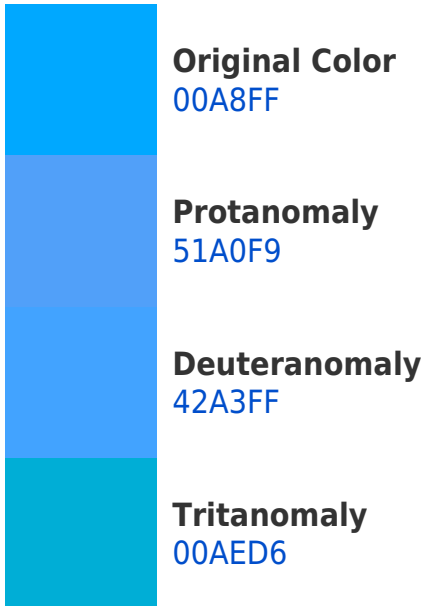
Protanopia
7F9CF5

Deuteranopia
67A0FF



Tritanopia
00B1BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A8FF 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 #00A8FF looks like.

```
.text, #text, p{  
    color:#00A8FF  
}
```

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 #00A8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8FF
}
```

Border

The CSS property to change the border of an element to Hex 00A8FF 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
#00A8FF }
```

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

```
.border{ border-color:#00A8FF }
```

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

Here you see how a box with a 4 pixel #00A8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8FF; -webkit-box-shadow:4px 4px  
4px 4px #00A8FF; box-shadow:4px 4px 4px  
4px #00A8FF }
```

Background

The CSS property to change the background color of an element to Hex 00A8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8FF }
```

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

```
.background{ background-color:#00A8FF }
```

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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