

Converting Colors

Hex(0FA8FF)

Have a look what the booklet for
Hex(0FA8FF) contains.

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Color

Hex(0FA8FF)

Conversions

Conversions Part 1

Format	Color
Hex	0FA8FF
RGB	15, 168, 255
RGB Percent	6%, 66%, 100%
CMY	0.9412, 0.3412, 0.0000
CMYK	0.94, 0.34, 0.00, 0.00
HSL	202°, 100%, 53%
HSV	202°, 94%, 100%
XYZ	32.2496, 35.3268, 99.7268
YIQ	132.1710, -119.1150, -5.3790

Conversions

Conversions Part 2

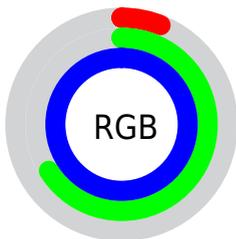
Format	Color
R _Y B	15, 108, 255
Decimal	1026303
CIE Lab	66.00, -4.72, -52.85
CIE LCh	66, 53.056, 264.895
Yxy	35.3268, 0.1928, 0.2112
Android (android.graphics.Color)	4279216383 (0xFF0FA8FF)
YUV	132.1710, 60.5547, -102.7590
Hunter-Lab	59.4364, -7.1612, -57.8757

Details

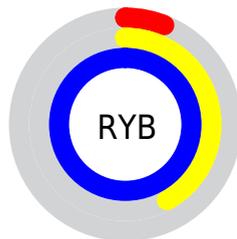
The Hex color **0FA8FF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FF660F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **73DFFF**, and **0074C6** is the 20% darker color. If you saturate the color by 10%, you get **00A3FF**, and if you desaturate by 10%, it is **29B1FF**.

Distribution



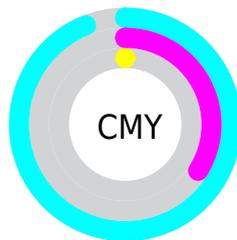
- Red (6%)
- Green (66%)
- Blue (100%)



- Red (6%)
- Yellow (42%)
- Blue (100%)



- Cyan (94%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FA8FF 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 0FA8FF by changing the saturation by 10% instead.

 0FA8FF

 0FA8FF

FFFFFF

 008EE2

 73DFFF

 0074C6

 95BFFF

 005CAA

 B5FFFF

 00458F

 D5FFFF

 003075

 F5FFFF

 001C5C

 000744

 00032C

 000117

 0FA8FF

 0FA8FF

 00A3FF

 29B1FF

 42BAFF

 5CC4FF

 75CDFF

 8FD6FF

 A8DFFF

 C2E9FF

 DBF2FF

 F5FBFF

Harmonies

Analogous

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



00B3ED



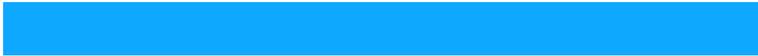
0FA8FF



9697F7

Triad

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



0FA8FF



F87A7B



59B367

Complementary

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



0FA8FF



FF660F

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.



94AA45



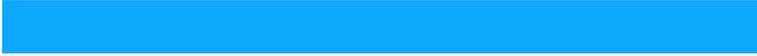
0FA8FF



E68953

Square

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



0FA8FF



F377AB



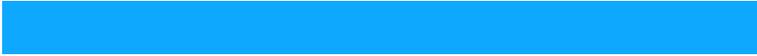
C29B3D



00B896

Rectangle

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



0FA8FF



C28AE4



C29B3D



6FB05A

Sweetspot

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



0FA8FF



B8E5FF



0FFF63



547080



000000



808080

Same Dimension

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



0FA8FF



00A3FF



0F33FF



737B80



007ABF



002940

Inverse Universe

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



FF0FA8



FF00A3



FFDB0F



80737B



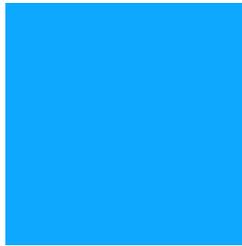
BF007A



400029

Previews

White Background



This preview shows how the Hex color 0FA8FF looks on a white background.

Color Contrast Check

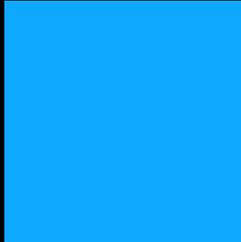
Large Text (above 18pt) WCAG AA × Fail

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 0FA8FF 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

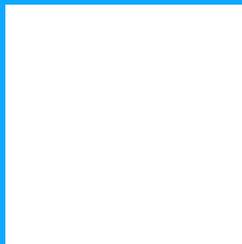
Any Text WCAG AAA ✓ Pass

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

Hex 0FA8FF Background



This preview shows how black text looks on a background with the Hex color 0FA8FF.



This preview shows how white text looks on a background with the Hex color 0FA8FF.

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
00B1BE

Trichromacy



Original Color
0FA8FF

Protanomaly
56A0F9

Deuteranomaly
47A3FF

Tritanomaly
05AED6

Monochromacy



Original Color
0FA8FF

Achromatopsia
848484

Achromatomaly
5991B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FA8FF 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 #0FA8FF looks like.

```
.text, #text, p{  
    color:#0FA8FF  
}
```

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 #0FA8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FA8FF
}
```

Border

The CSS property to change the border of an element to Hex 0FA8FF 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
#0FA8FF }
```

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

```
.border{ border-color:#0FA8FF }
```

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

Here you see how a box with a 4 pixel #0FA8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FA8FF; -webkit-box-shadow:4px 4px  
4px 4px #0FA8FF; box-shadow:4px 4px 4px  
4px #0FA8FF }
```

Background

The CSS property to change the background color of an element to Hex 0FA8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FA8FF }
```

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

```
.background{ background-color:#0FA8FF }
```

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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