

Converting Colors

Hex(00A8F8)

Have a look what the booklet for
Hex(00A8F8) contains.

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Color

Hex(00A8F8)

Conversions

Conversions Part 1

Format	Color
Hex	00A8F8
RGB	0, 168, 248
RGB Percent	0%, 66%, 97%
CMY	1.0000, 0.3412, 0.0275
CMYK	1.00, 0.32, 0.00, 0.03
HSL	199°, 100%, 49%
HSV	199°, 100%, 97%
XYZ	30.9459, 34.7826, 93.8896
YIQ	126.8880, -125.8080, -10.7360

Conversions

Conversions Part 2

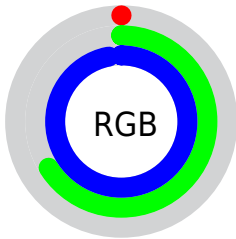
Format	Color
RYB	0, 100, 248
Decimal	43256
CIELab	65.58, -7.66, -49.71
CIELCh	66, 50.296, 261.240
Yxy	34.7826, 0.1939, 0.2179
Android (android.graphics.Color)	4278233336 (0xFF00A8F8)
YUV	126.8880, 59.7082, -111.2808
Hunter-Lab	58.9768, -9.5479, -53.1046

Details

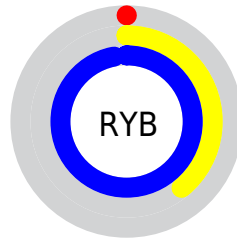
The Hex color **00A8F8** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F85000**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6FDFFF**, and **0074BF** is the 20% darker color. If you saturate the color by 10%, you get **00A8F8**, and if you desaturate by 10%, it is **19B0F8**.

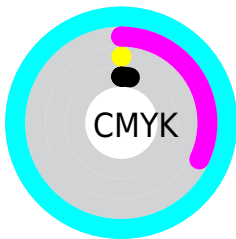
Distribution



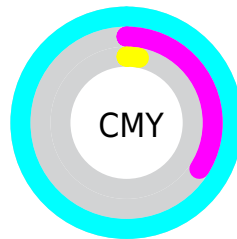
- Red (0%)
- Green (66%)
- Blue (97%)



- Red (0%)
- Yellow (39%)
- Blue (97%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (34%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A8F8 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 00A8F8 by changing the saturation by 10% instead.

 00A8F8

 00A8F8

FFFFFF

 008EDB

 6FDFFF

 0074BF

 91FBFF

 005CA4

 B1FFFF

 004589

 D1FFFF

 002F6F

 F1FFFF

 001C56

 00063E

 000327

 000111

 00A8F8

 19B0F8

 32B8F8

 4AC0F8

 63C8F8

 7CD0F8

 95D8F8

 AEE0F8

 C6E8F8

 DFF0F8

Harmonies

Analogous

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



00B2E5



00A8F8



8D99F3

Triad

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



00A8F8



F37B81



64B065

Complementary

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



00A8F8



F85000

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.



9AA747



00A8F8



E5875A

Square

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



00A8F8



EC7AAE



C59843



00B590

Rectangle

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



00A8F8



B98DE3



C59843



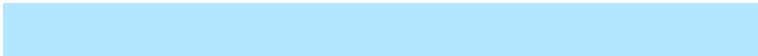
78AE59

Sweetspot

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



00A8F8



B3E6FF



00F84F



527180



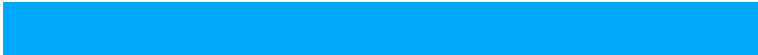
000000



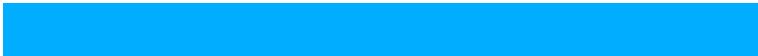
808080

Same Dimension

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



00A8F8



00ADFF



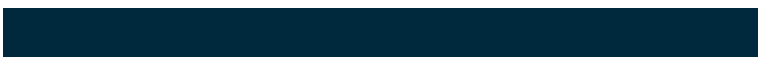
002DF8



70797D



0080BD



00293D

Inverse Universe

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



F800A8



FF00AD



F8CB00



7D7079



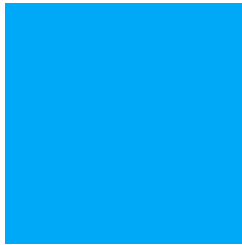
BD0080



3D0029

Previews

White Background



This preview shows how the Hex color 00A8F8 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 00A8F8 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

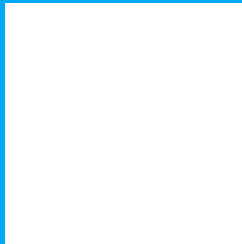
Any Text WCAG AAA ✓ Pass

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

Hex 00A8F8 Background



This preview shows how black text looks on a background with the Hex color 00A8F8.

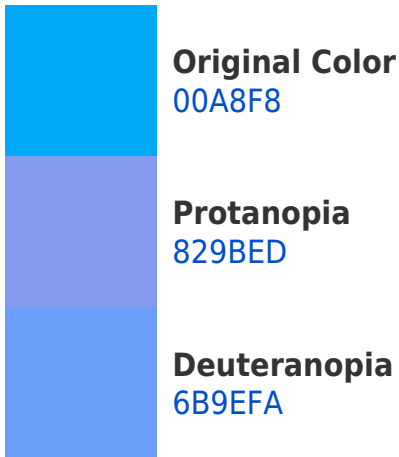


This preview shows how white text looks on a background with the Hex color 00A8F8.

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



Trichromacy



Original Color
00A8F8

Protanomaly
53A0F1

Deuteranomaly
44A2F9

Monochromacy



Original Color
00A8F8

Achromatopsia
7F7F7F

Achromatomaly
518EAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A8F8 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 #00A8F8 looks like.

```
.text, #text, p{  
    color:#00A8F8  
}
```

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 #00A8F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8F8
}
```

Border

The CSS property to change the border of an element to Hex 00A8F8 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
#00A8F8 }
```

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

```
.border{ border-color:#00A8F8 }
```

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

Here you see how a box with a 4 pixel #00A8F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8F8; -webkit-box-shadow:4px 4px  
4px 4px #00A8F8; box-shadow:4px 4px 4px  
4px #00A8F8 }
```

Background

The CSS property to change the background color of an element to Hex 00A8F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8F8 }
```

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

```
.background{ background-color:#00A8F8 }
```

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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