

Converting Colors

Hex(04A9F8)

Have a look what the booklet for
Hex(04A9F8) contains.

| | |
|--|----|
| Hex(04A9F8) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(04A9F8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 04A9F8 |
| RGB | 4, 169, 248 |
| RGB Percent | 2%, 66%, 97% |
| CMY | 0.9843, 0.3373, 0.0275 |
| CMYK | 0.98, 0.32, 0.00, 0.03 |
| HSL | 199°, 97%, 49% |
| HSV | 199°, 98%, 97% |
| XYZ | 31.1813, 35.1791, 93.9537 |
| YIQ | 128.6710, -123.6990, -10.4110 |

Conversions

Conversions Part 2

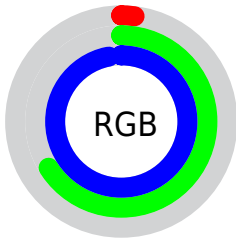
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 4, 102, 248 |
| Decimal | 305656 |
| CIE Lab | 65.89, -8.12, -49.22 |
| CIE LCh | 66, 49.886, 260.631 |
| Yxy | 35.1791, 0.1945, 0.2194 |
| Android (android.graphics.Color) | 4278495736 (0xFF04A9F8) |
| YUV | 128.6710, 58.8292, -109.3365 |
| Hunter-Lab | 59.3119, -9.9553, -52.4006 |

Details

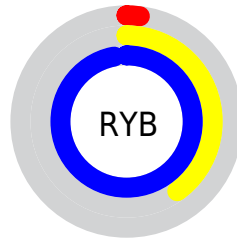
The Hex color **04A9F8** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F85304**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6FE0FF**, and **0075BF** is the 20% darker color. If you saturate the color by 10%, you get **00A8F8**, and if you desaturate by 10%, it is **1DB1F8**.

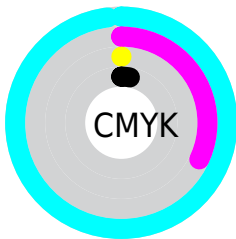
Distribution



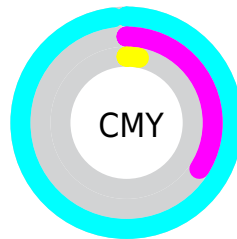
- Red (2%)
- Green (66%)
- Blue (97%)



- Red (2%)
- Yellow (40%)
- Blue (97%)



- Cyan (98%)
- Magenta (32%)
- Yellow (0%)
- Black (3%)



- Cyan (98%)
- Magenta (34%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04A9F8 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 04A9F8 by changing the saturation by 10% instead.

 04A9F8

 04A9F8

FFFFFF

 008FDB

 6FE0FF

 0075BF

 91FDFF

 005DA4

 B2FFFF

 004689

 D1FFFF

 00306F

 F1FFFF

 001C56

 00063E

 000328

 000111

■ 04A9F8

■ 04A9F8

■ 00A8F8

■ 1DB1F8

■ 36B9F8

■ 4EC1F8

■ 67C9F8

■ 80D1F8

■ 99D9F8

■ B2E1F8

■ CAE9F8

■ E3F1F8

Harmonies

Analogous

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



00B3E4



04A9F8



8C9AF4

Triad

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



04A9F8



F47C83



67B165

Complementary

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



04A9F8



F85304

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.



9CA748



04A9F8



E6885C

Square

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



04A9F8



EC7BB0



C69945



00B690

Rectangle

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



04A9F8



B88EE4



C69945



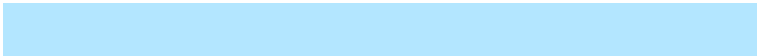
7AAE59

Sweetspot

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



04A9F8



B3E6FF



04F851



527180



000000



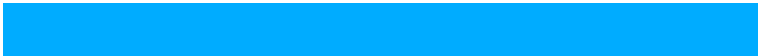
808080

Same Dimension

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



04A9F8



00ACFF



0431F8



70797D



0080BD



00293D

Inverse Universe

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



F804A9



FF00AC



F8CB04



7D7079



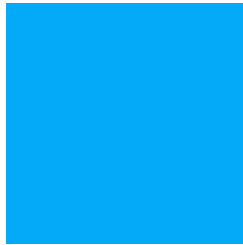
BD0080



3D0029

Previews

White Background



This preview shows how the Hex color 04A9F8 looks on a white background.

Color Contrast Check

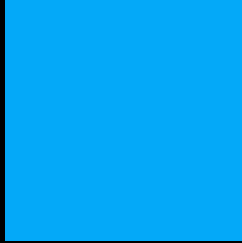
Large Text (above 18pt) WCAG AA × Fail

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 04A9F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

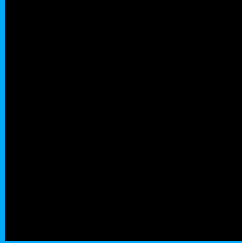
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

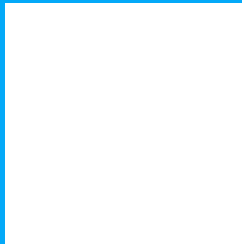
Any Text WCAG AAA ✓ Pass

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

Hex 04A9F8 Background



This preview shows how black text looks on a background with the Hex color 04A9F8.

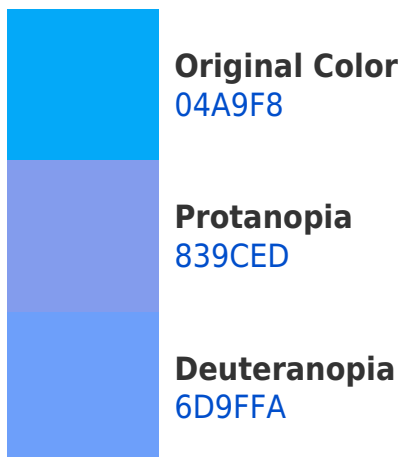


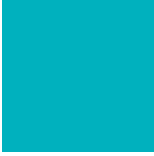
This preview shows how white text looks on a background with the Hex color 04A9F8.

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
04A9F8



Protanomaly
55A1F1



Deuteranomaly
47A3F9



Tritanomaly
01AED3

Monochromacy



Original Color
04A9F8



Achromatopsia
818181



Achromatomaly
5490AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 04A9F8 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 #04A9F8 looks like.

```
.text, #text, p{  
    color:#04A9F8  
}
```

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 #04A9F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A9F8
}
```

Border

The CSS property to change the border of an element to Hex 04A9F8 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
#04A9F8 }
```

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

```
.border{ border-color:#04A9F8 }
```

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

Here you see how a box with a 4 pixel #04A9F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A9F8; -webkit-box-shadow:4px 4px  
4px 4px #04A9F8; box-shadow:4px 4px 4px  
4px #04A9F8 }
```

Background

The CSS property to change the background color of an element to Hex 04A9F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A9F8 }
```

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

```
.background{ background-color:#04A9F8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor