

Converting Colors

Hex(049CFB)

Have a look what the booklet for
Hex(049CFB) contains.

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Color

Hex(049CFB)

Conversions

Conversions Part 1

Format	Color
Hex	049CFB
RGB	4, 156, 251
RGB Percent	2%, 61%, 98%
CMY	0.9843, 0.3882, 0.0157
CMYK	0.98, 0.38, 0.00, 0.02
HSL	203°, 97%, 50%
HSV	203°, 98%, 98%
XYZ	29.3511, 30.7678, 95.6586
YIQ	121.3820, -121.0870, -2.6790

Conversions

Conversions Part 2

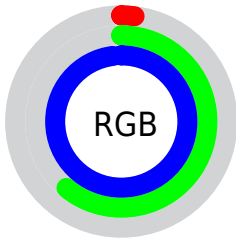
Format	Color
RYB	4, 98, 251
Decimal	302331
CIELab	62.31, 0.41, -56.53
CIELCh	62, 56.533, 270.418
Yxy	30.7678, 0.1884, 0.1975
Android (android.graphics.Color)	4278492411 (0xFF049CFB)
YUV	121.3820, 63.9017, -102.9440
Hunter-Lab	55.4687, -2.6174, -63.4205

Details

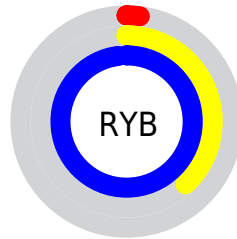
The Hex color **049CFB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FB6304**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **70D2FF**, and **0069C2** is the 20% darker color. If you saturate the color by 10%, you get **009AFB**, and if you desaturate by 10%, it is **1DA6FB**.

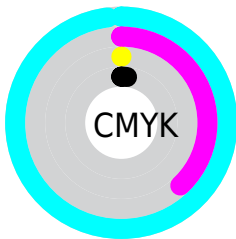
Distribution



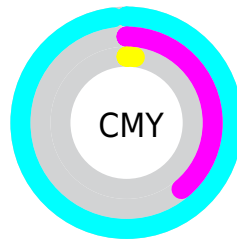
- Red (2%)
- Green (61%)
- Blue (98%)



- Red (2%)
- Yellow (38%)
- Blue (98%)



- Cyan (98%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)




- Cyan (98%)
- Magenta (39%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 049CFB 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 049CFB by changing the saturation by 10% instead.

 049CFB

 049CFB

FFFFFF

 0082DE

 70D2FF

 0069C2

 92EEFF

 0052A6

 B2FFFF

 003C8B

 D2FFFF

 002771

 F2FFFF

 001258

 000740

 000329

 000113

049CFB

049CFB

009AFB

1DA6FB

36AFFB

4FB9FB

68C3FB

82CCFB

9BD6FB

B4E0FB

CDE9FB

E6F3FB

Harmonies

Analogous

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



00A8ED



049CFB



9889ED

Triad

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



049CFB



EF6F67



34AB63

Complementary

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



049CFB



FB6304

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.



7EA23A



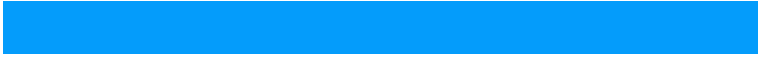
049CFB



D8813F

Square

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



049CFB



F06998



B1942A



00AF96

Rectangle

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



049CFB



C47BD7



B1942A



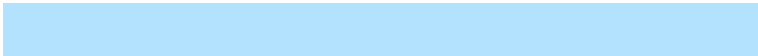
53A953

Sweetspot

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



049CFB



B3E2FF



04FB63



526E80



000000



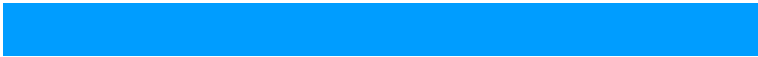
808080

Same Dimension

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



049CFB



009DFF



0421FB



70787D



0074BD



00263D

Inverse Universe

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



FB049C



FF009D



FBDE04



7D7078



BD0074



3D0026

Previews

White Background



This preview shows how the Hex color 049CFB looks on a white background.

Color Contrast Check

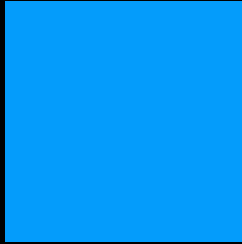
Large Text (above 18pt) WCAG AA × Fail

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 049CFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

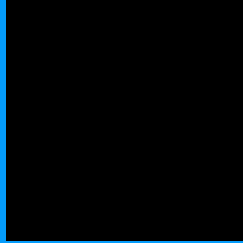
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

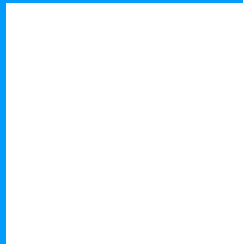
Any Text WCAG AAA ✓ Pass

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

Hex 049CFB Background



This preview shows how black text looks on a background with the Hex color 049CFB.



This preview shows how white text looks on a background with the Hex color 049CFB.

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](#).

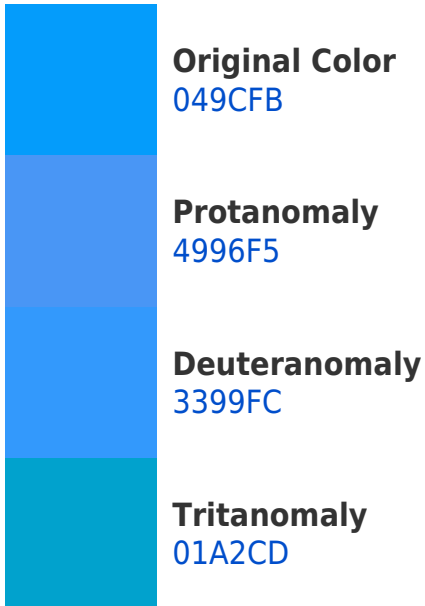
Dichromacy





Tritanopia
00A6B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 049CFB 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 #049CFB looks like.

```
.text, #text, p{  
    color:#049CFB  
}
```

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 #049CFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #049CFB
}
```

Border

The CSS property to change the border of an element to Hex 049CFB 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
#049CFB }
```

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

```
.border{ border-color:#049CFB }
```

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

Here you see how a box with a 4 pixel #049CFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #049CFB; -webkit-box-shadow:4px 4px  
4px 4px #049CFB; box-shadow:4px 4px 4px  
4px #049CFB }
```

Background

The CSS property to change the background color of an element to Hex 049CFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#049CFB }
```

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

```
.background{ background-color:#049CFB }
```

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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