

Converting Colors

Hex(0049F0)

Have a look what the booklet for
Hex(0049F0) contains.

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Color

Hex(0049F0)

Conversions

Conversions Part 1

Format	Color
Hex	0049F0
RGB	0, 73, 240
RGB Percent	0%, 29%, 94%
CMY	1.0000, 0.7137, 0.0588
CMYK	1.00, 0.70, 0.00, 0.06
HSL	222°, 100%, 47%
HSV	222°, 100%, 94%
XYZ	18.1107, 11.0564, 83.6176
YIQ	70.2110, -97.1150, 36.4610

Conversions

Conversions Part 2

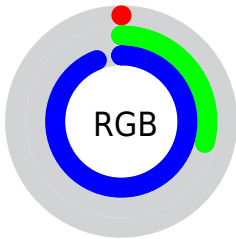
Format	Color
R _{YB}	0, 56, 240
Decimal	18928
CIE Lab	39.68, 47.74, -87.16
CIE LCh	40, 99.377, 298.711
Yxy	11.0564, 0.1606, 0.0980
Android (android.graphics.Color)	4278209008 (0xFF0049F0)
YUV	70.2110, 83.7060, -61.5750
Hunter-Lab	33.2511, 39.0333, -125.8227

Details

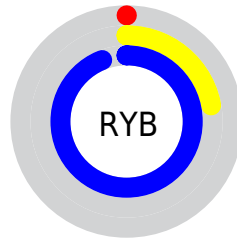
The Hex color **0049F0** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F0A700**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **707AFF**, and **001EB6** is the 20% darker color. If you saturate the color by 10%, you get **0049F0**, and if you desaturate by 10%, it is **185AF0**.

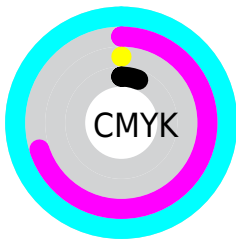
Distribution



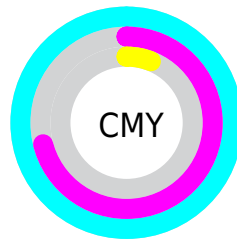
- Red (0%)
- Green (29%)
- Blue (94%)



- Red (0%)
- Yellow (22%)
- Blue (94%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (71%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0049F0 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 0049F0 by changing the saturation by 10% instead.

 0049F0

 0049F0

FFFFFF

 0032D3

 707AFF

 001EB6

 9294FF

 000D9B

 B3AEFF

 000080

 D3CAFF

 000E65

 F3E6FF

 00094C

 000535

 00021E

 000001

 0049F0

 185AF0

 306AF0

 487BF0

 608CF0

 789CF0

 90ADF0

 A8BEF0

 C0CFF0

 D8DFF0

Harmonies

Analogous

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



006CFF



0049F0



B400B4

Triad

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



0049F0



B12C00



007958

Complementary

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



0049F0



F0A700

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.



007600



0049F0



765A00

Square

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



0049F0



D80017



106E00



007BAB

Rectangle

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



0049F0



D60080



106E00



00783B

Sweetspot

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



0049F0



B3CAFF



00F0A4



526080



000000



808080

Same Dimension

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



0049F0



004EFF



2C00F0



6C7078



0038B8



001138

Inverse Universe

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



F00049



FF004E



C4F000



786C70



B80038



380011

Previews

White Background



This preview shows how the Hex color 0049F0 looks on a white background.

Color Contrast Check

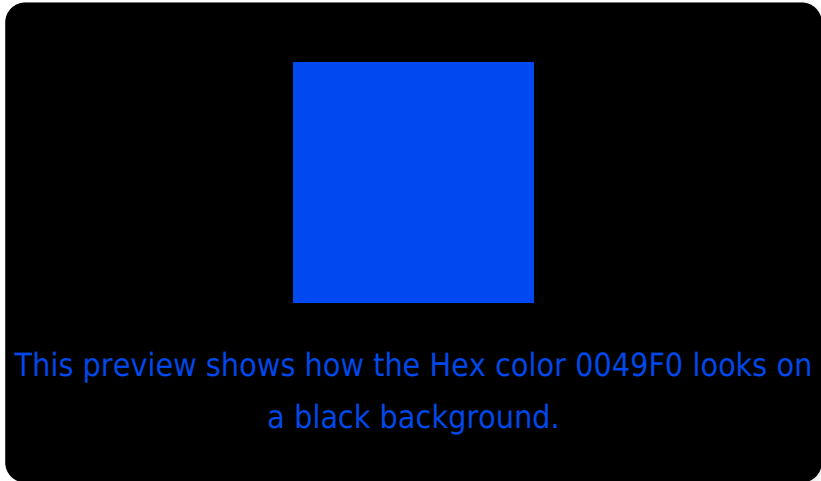
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

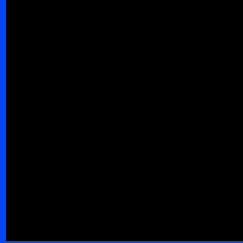
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0049F0 Background



This preview shows how black text looks on a background with the Hex color 0049F0.



This preview shows how white text looks on a background with the Hex color 0049F0.

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
0049F0

Protanopia
005ABD

Deuteranopia
0060A1



Tritanopia
00676D

Trichromacy



Original Color
0049F0

Protanomaly
0054D0

Deuteranomaly
0058BE

Tritanomaly
005C9D

Monochromacy



Original Color
0049F0

Achromatopsia
464646

Achromatomaly
2D4784

CSS Examples

Text

The CSS property to change the color of the text to Hex 0049F0 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 #0049F0 looks like.

```
.text, #text, p{  
    color:#0049F0  
}
```

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 #0049F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0049F0
}
```

Border

The CSS property to change the border of an element to Hex 0049F0 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
#0049F0 }
```

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

```
.border{ border-color:#0049F0 }
```

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

Here you see how a box with a 4 pixel #0049F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0049F0; -webkit-box-shadow:4px 4px  
4px 4px #0049F0; box-shadow:4px 4px 4px  
4px #0049F0 }
```

Background

The CSS property to change the background color of an element to Hex 0049F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0049F0 }
```

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

```
.background{ background-color:#0049F0 }
```

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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