

Converting Colors

Hex(0073F3)

Have a look what the booklet for
Hex(0073F3) contains.

Hex(0073F3)	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(0073F3)

Conversions

Conversions Part 1

Format	Color
Hex	0073F3
RGB	0, 115, 243
RGB Percent	0%, 45%, 95%
CMY	1.0000, 0.5490, 0.0471
CMYK	1.00, 0.53, 0.00, 0.05
HSL	212°, 100%, 48%
HSV	212°, 100%, 95%
XYZ	22.3084, 18.7325, 87.2340
YIQ	95.2070, -109.6280, 15.4280

Conversions

Conversions Part 2

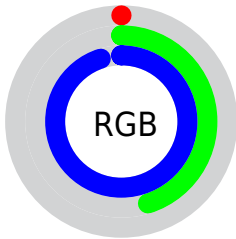
Format	Color
R _Y B	0, 78, 243
Decimal	29683
CIE Lab	50.37, 22.33, -71.32
CIE LCh	50, 74.733, 287.388
Yxy	18.7325, 0.1739, 0.1460
Android (android.graphics.Color)	4278219763 (0xFF0073F3)
YUV	95.2070, 72.8619, -83.4965
Hunter-Lab	43.2811, 16.2624, -89.2035

Details

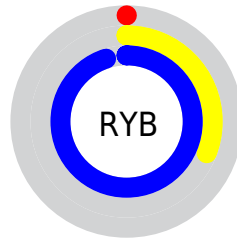
The Hex color **0073F3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark saturated azure. A complement of this color would be **F38000**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6EA6FF**, and **0044BA** is the 20% darker color. If you saturate the color by 10%, you get **0073F3**, and if you desaturate by 10%, it is **1880F3**.

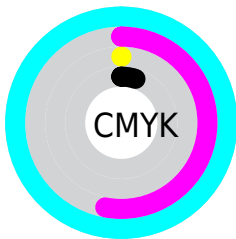
Distribution



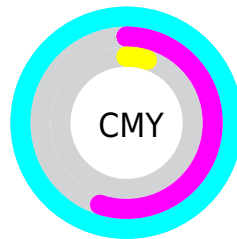
- Red (0%)
- Green (45%)
- Blue (95%)



- Red (0%)
- Yellow (31%)
- Blue (95%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (55%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0073F3 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 0073F3 by changing the saturation by 10% instead.

 0073F3

 0073F3

FFFFFF

 005BD6

 6EA6FF

 0044BA

 8FC1FF

 00309E

 B0DDFF

 001D83

 CFF9FF

 000269

 EFFFFFF

 000A50

 000538

 000222

 000007

 0073F3

 1880F3

 318DF3

 4999F3

 61A6F3

 79B3F3

 92C0F3

 AACDF3

 C2D9F3

 DBE6F3

Harmonies

Analogous

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



0087F5



0073F3



A752CF

Triad

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



0073F3



D14C16



00925A

Complementary

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



0073F3



F38000

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.



008C0E



0073F3



A76B00

Square

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



0073F3



E52656



6F8000



00939C

Rectangle

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



0073F3



CE37AA



6F8000



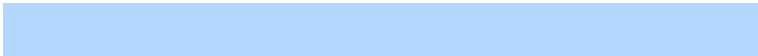
009043

Sweetspot

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



0073F3



B3D7FF



00F37E



526780



000000



808080

Same Dimension

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



0073F3



0079FF



0400F3



6E747A



0058BA



001C3B

Inverse Universe

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



F30073



FF0079



EFF300



7A6E74



BA0058



3B001C

Previews

White Background



This preview shows how the Hex color 0073F3 looks on a white background.

Color Contrast Check

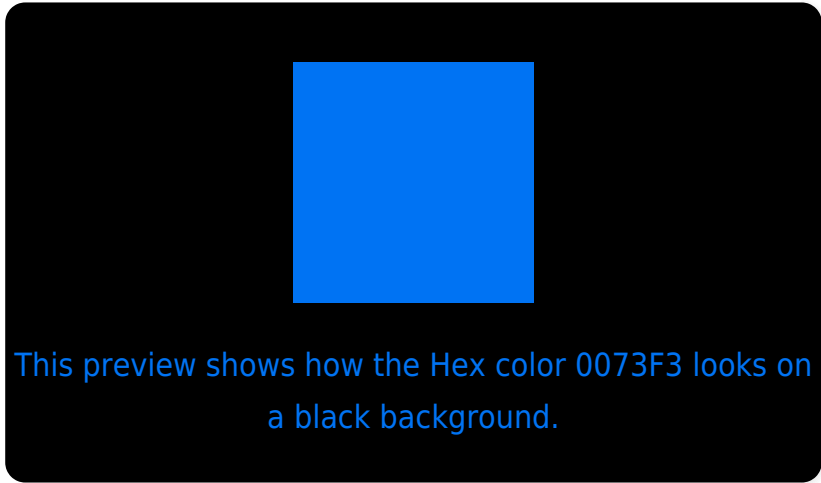
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

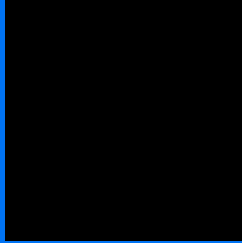
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

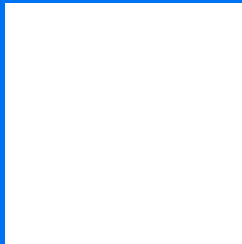
Any Text WCAG AAA × Fail

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

Hex 0073F3 Background



This preview shows how black text looks on a background with the Hex color 0073F3.



This preview shows how white text looks on a background with the Hex color 0073F3.

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
00858D

Trichromacy



Original Color
0073F3

Protanomaly
0D73F3

Deuteranomaly
0077DF

Tritanomaly
007EB2

Monochromacy



Original Color
0073F3

Achromatopsia
5F5F5F

Achromatomaly
3C6695

CSS Examples

Text

The CSS property to change the color of the text to Hex 0073F3 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 #0073F3 looks like.

```
.text, #text, p{  
    color:#0073F3  
}
```

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 #0073F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0073F3
}
```

Border

The CSS property to change the border of an element to Hex 0073F3 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
#0073F3 }
```

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

```
.border{ border-color:#0073F3 }
```

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

Here you see how a box with a 4 pixel #0073F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0073F3; -webkit-box-shadow:4px 4px  
4px 4px #0073F3; box-shadow:4px 4px 4px  
4px #0073F3 }
```

Background

The CSS property to change the background color of an element to Hex 0073F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0073F3 }
```

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

```
.background{ background-color:#0073F3 }
```

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