

# Converting Colors

Hex(0073F4)

Have a look what the booklet for  
Hex(0073F4) contains.

<b>Hex(0073F4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0073F4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0073F4
RGB	0, 115, 244
RGB Percent	0%, 45%, 96%
CMY	1.0000, 0.5490, 0.0431
CMYK	1.00, 0.53, 0.00, 0.04
HSL	212°, 100%, 48%
HSV	212°, 100%, 96%
XYZ	22.4599, 18.7931, 88.0316
YIQ	95.3210, -109.9490, 15.7390

# Conversions

## Conversions Part 2

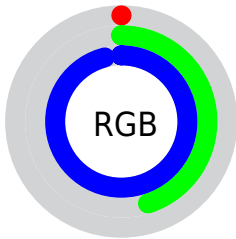
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 78, 244
Decimal	29684
CIE Lab	50.44, 22.72, -71.76
CIE LCh	50, 75.271, 287.570
Yxy	18.7931, 0.1737, 0.1454
Android (android.graphics.Color)	4278219764 (0xFF0073F4)
YUV	95.3210, 73.2987, -83.5965
Hunter-Lab	43.3510, 16.6153, -90.0527

# Details

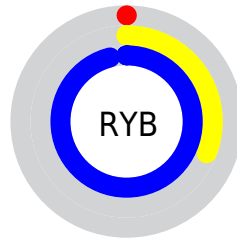
The Hex color **0073F4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark saturated azure. A complement of this color would be **F48100**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6EA6FF**, and **0044BB** is the 20% darker color. If you saturate the color by 10%, you get **0073F4**, and if you desaturate by 10%, it is **1880F4**.

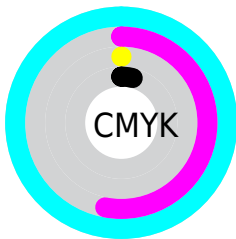
# Distribution



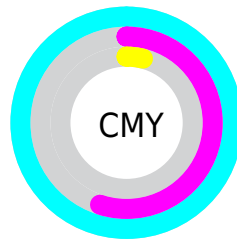
- Red (0%)
- Green (45%)
- Blue (96%)



- Red (0%)
- Yellow (31%)
- Blue (96%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (55%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0073F4 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 0073F4 by changing the saturation by 10% instead.



 0073F4

 0073F4

FFFFFF

 005BD7

 6EA6FF

 0044BB

 90C1FF

 00309F

 B0DDFF

 001D84

 D0F9FF

 00036A

 EFFFFFF

 000B51

 000539

 000222

 000009

 0073F4

 1880F4

 318DF4

 499AF4

 62A7F4

 7AB3F4

 92C0F4

 ABCDF4

 C3DAF4

 DCE7F4

# Harmonies

## Analogous

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



0088F7



0073F4



A852D0

# Triad

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



0073F4



D24B15



00925A

# Complementary

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



0073F4



F48100

# 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.



008C0D



0073F4



A86C00

# Square

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



0073F4



E62556



6F8100



00949D

# Rectangle

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



0073F4



CF36AA



6F8100



009044



# Sweetspot

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



0073F4



B3D7FF



00F47E



526780



000000



808080



# Same Dimension

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



0073F4



0078FF



0400F4



6E747A



0058BA



001C3B



# Inverse Universe

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



F40073



FF0078



F0F400



7A6E74



BA0058



3B001C



# Previews

## White Background



This preview shows how the Hex color 0073F4 looks on a white background.

## Color Contrast Check

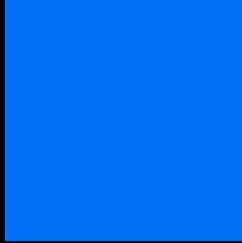
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0073F4 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 × Fail

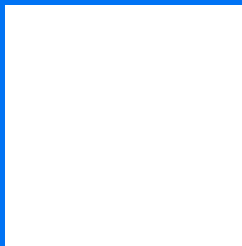
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0073F4 Background



This preview shows how black text looks on a background with the Hex color 0073F4.

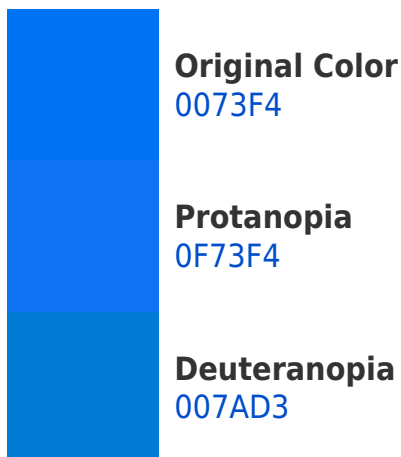


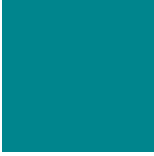
This preview shows how white text looks on a background with the Hex color 0073F4.

# 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**  
0073F4

**Protanomaly**  
0A73F4

**Deuteranomaly**  
0077DF

**Tritanomaly**  
007EB2

# Monochromacy



**Original Color**  
0073F4

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
3C6695

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0073F4 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 #0073F4 looks like.

```
.text, #text, p{  
    color:#0073F4  
}
```

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 #0073F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0073F4
}
```

## Border

The CSS property to change the border of an element to Hex 0073F4 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
#0073F4 }
```

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

```
.border{ border-color:#0073F4 }
```

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

Here you see how a box with a 4 pixel #0073F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0073F4; -webkit-box-shadow:4px 4px  
4px 4px #0073F4; box-shadow:4px 4px 4px  
4px #0073F4 }
```

# Background

The CSS property to change the background color of an element to Hex 0073F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0073F4 }
```

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

```
.background{ background-color:#0073F4 }
```

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