

Converting Colors

Hex(0073F5)

Have a look what the booklet for
Hex(0073F5) contains.

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Color

Hex(0073F5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 0073F5 |
| RGB | 0, 115, 245 |
| RGB Percent | 0%, 45%, 96% |
| CMY | 1.0000, 0.5490, 0.0392 |
| CMYK | 1.00, 0.53, 0.00, 0.04 |
| HSL | 212°, 100%, 48% |
| HSV | 212°, 100%, 96% |
| XYZ | 22.6122, 18.8540, 88.8336 |
| YIQ | 95.4350, -110.2700, 16.0500 |

Conversions

Conversions Part 2

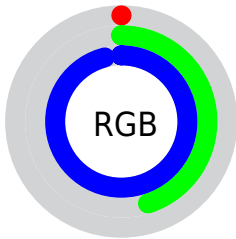
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 0, 78, 245 |
| Decimal | 29685 |
| CIE Lab | 50.52, 23.11, -72.20 |
| CIE LCh | 51, 75.808, 287.749 |
| Yxy | 18.8540, 0.1735, 0.1447 |
| Android (android.graphics.Color) | 4278219765 (0xFF0073F5) |
| YUV | 95.4350, 73.7355, -83.6965 |
| Hunter-Lab | 43.4212, 16.9690, -90.9039 |

Details

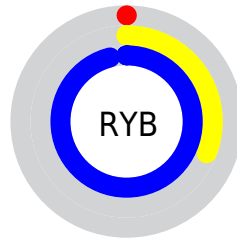
The Hex color **0073F5** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F58200**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6EA6FF**, and **0044BC** is the 20% darker color. If you saturate the color by 10%, you get **0073F5**, and if you desaturate by 10%, it is **1880F5**.

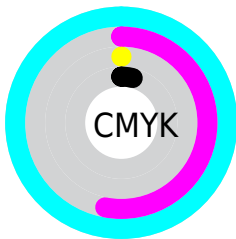
Distribution



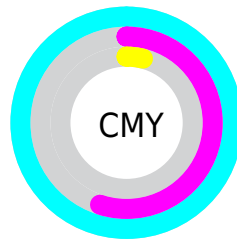
- Red (0%)
- Green (45%)
- Blue (96%)



- 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 0073F5 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 0073F5 by changing the saturation by 10% instead.

 0073F5

 0073F5

FFFFFF

 005BD8

 6EA6FF

 0044BC

 90C1FF

 0030A0

 B0DDFF

 001D85

 D0F9FF

 00036B

 F0FFFF

 000B52

 00053A

 000223

 00000A

■ 0073F5

■ 1880F5

■ 318DF5

■ 4A9AF5

■ 62A7F5

■ 7BB4F5

■ 93C1F5

■ ABCEF5

■ C4DBF5

■ DDE8F5

Harmonies

Analogous

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



0088F8



0073F5



A951D0

Triad

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



0073F5



D24B13



00925B

Complementary

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



0073F5



F58200

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.



008D0D



0073F5



A86C00

Square

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



0073F5



E72455



6E8100



00949E

Rectangle

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



0073F5



D035AB



6E8100



009144

Sweetspot

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



0073F5



B3D6FF



00F57F



526780



000000



808080

Same Dimension

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



0073F5



0078FF



0400F5



6E747A



0057BA



001C3B

Inverse Universe

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



F50073



FF0078



F1F500



7A6E74



BA0057



3B001C

Previews

White Background



This preview shows how the Hex color 0073F5 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

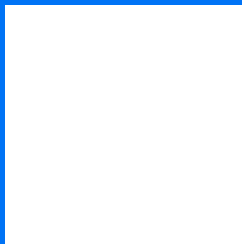
Any Text WCAG AAA × Fail

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

Hex 0073F5 Background



This preview shows how black text looks on a background with the Hex color 0073F5.



This preview shows how white text looks on a background with the Hex color 0073F5.

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](#).

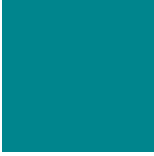
Dichromacy



Original Color
0073F5

Protanopia
0473F5

Deuteranopia
007AD3



Tritanopia
00858D

Trichromacy



Original Color
0073F5

Protanomaly
0373F5

Deuteranomaly
0077DF

Tritanomaly
007EB3

Monochromacy



Original Color
0073F5

Achromatopsia
5F5F5F

Achromatomaly
3C6696

CSS Examples

Text

The CSS property to change the color of the text to Hex 0073F5 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 #0073F5 looks like.

```
.text, #text, p{  
    color:#0073F5  
}
```

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 #0073F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0073F5
}
```

Border

The CSS property to change the border of an element to Hex 0073F5 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
#0073F5 }
```

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

```
.border{ border-color:#0073F5 }
```

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

Here you see how a box with a 4 pixel #0073F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0073F5; -webkit-box-shadow:4px 4px  
4px 4px #0073F5; box-shadow:4px 4px 4px  
4px #0073F5 }
```

Background

The CSS property to change the background color of an element to Hex 0073F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0073F5 }
```

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

```
.background{ background-color:#0073F5 }
```

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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