

Converting Colors

Hex(0072F2)

Have a look what the booklet for
Hex(0072F2) contains.

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Color

Hex(0072F2)

Conversions

Conversions Part 1

Format	Color
Hex	0072F2
RGB	0, 114, 242
RGB Percent	0%, 45%, 95%
CMY	1.0000, 0.5529, 0.0510
CMYK	1.00, 0.53, 0.00, 0.05
HSL	212°, 100%, 47%
HSV	212°, 100%, 95%
XYZ	22.0443, 18.4454, 86.4029
YIQ	94.5060, -109.0320, 15.6400

Conversions

Conversions Part 2

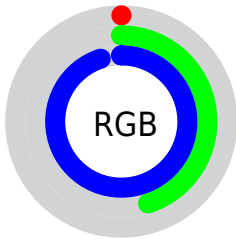
Format	Color
RYB	0, 77, 242
Decimal	29426
CIELab	50.03, 22.58, -71.31
CIELCh	50, 74.804, 287.570
Yxy	18.4454, 0.1737, 0.1454
Android (android.graphics.Color)	4278219506 (0xFF0072F2)
YUV	94.5060, 72.7145, -82.8818
Hunter-Lab	42.9481, 16.4608, -89.2156

Details

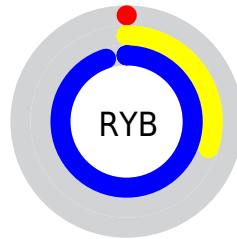
The Hex color **0072F2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark saturated azure. A complement of this color would be **F28000**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6DA5FF**, and **0044B9** is the 20% darker color. If you saturate the color by 10%, you get **0072F2**, and if you desaturate by 10%, it is **187FF2**.

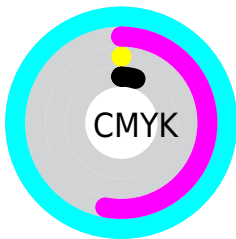
Distribution



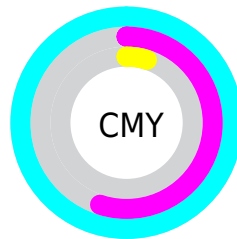
- Red (0%)
- Green (45%)
- Blue (95%)



- Red (0%)
- Yellow (30%)
- 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 0072F2 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 0072F2 by changing the saturation by 10% instead.

 0072F2

 0072F2

FFFFFF

 005AD5

 6DA5FF

 0044B9

 8FC0FF

 002F9D

 AFDCFF


 001D82

 CFF8FF

 000168

 EFFFFFF

 000A4F

 000537

 000221

 000006

 0072F2


 187FF2

 308CF2

 4998F2

 61A5F2

 79B2F2

 91BFF2

 A9CCF2

 C2D8F2

 DAE5F2

Harmonies

Analogous

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



0086F5



0072F2



A651CE

Triad

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



0072F2



D04B15



009159

Complementary

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



0072F2



F28000

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.



008B0D



0072F2



A66B00

Square

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



0072F2



E42555



6E7F00



00929C

Rectangle

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



0072F2



CD35A9



6E7F00



008F43

Sweetspot

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



0072F2



B3D7FF



00F27D



526780



000000



808080

Same Dimension

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



0072F2



0078FF



0400F2



6C7278



0056B8



001A38

Inverse Universe

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



F20072



FF0078



EEF200



786C72



B80056



38001A

Previews

White Background



This preview shows how the Hex color 0072F2 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

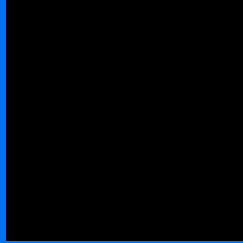
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

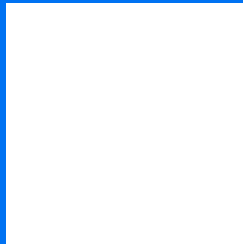
Any Text WCAG AAA × Fail

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

Hex 0072F2 Background



This preview shows how black text looks on a background with the Hex color 0072F2.

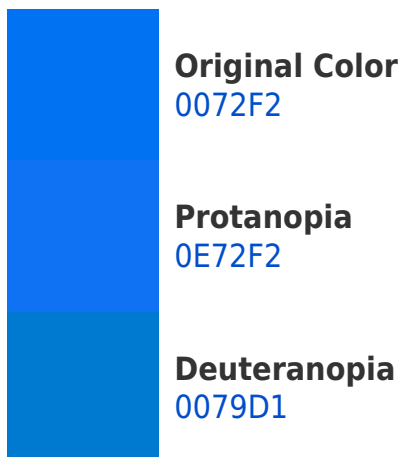


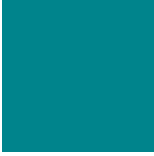
This preview shows how white text looks on a background with the Hex color 0072F2.

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
00848C

Trichromacy



Original Color
0072F2

Protanomaly
0972F2

Deuteranomaly
0076DD

Tritanomaly
007DB1

Monochromacy



Original Color
0072F2

Achromatopsia
5F5F5F

Achromatomaly
3C6694

CSS Examples

Text

The CSS property to change the color of the text to Hex 0072F2 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 #0072F2 looks like.

```
.text, #text, p{  
    color:#0072F2  
}
```

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 #0072F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072F2
}
```

Border

The CSS property to change the border of an element to Hex 0072F2 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
#0072F2 }
```

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

```
.border{ border-color:#0072F2 }
```

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

Here you see how a box with a 4 pixel #0072F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072F2; -webkit-box-shadow:4px 4px  
4px 4px #0072F2; box-shadow:4px 4px 4px  
4px #0072F2 }
```

Background

The CSS property to change the background color of an element to Hex 0072F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072F2 }
```

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

```
.background{ background-color:#0072F2 }
```

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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