

Converting Colors

Hex(0072F7)

Have a look what the booklet for
Hex(0072F7) contains.

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Color

Hex(0072F7)

Conversions

Conversions Part 1

Format	Color
Hex	0072F7
RGB	0, 114, 247
RGB Percent	0%, 45%, 97%
CMY	1.0000, 0.5529, 0.0314
CMYK	1.00, 0.54, 0.00, 0.03
HSL	212°, 100%, 48%
HSV	212°, 100%, 97%
XYZ	22.8058, 18.7500, 90.4128
YIQ	95.0760, -110.6370, 17.1950

Conversions

Conversions Part 2

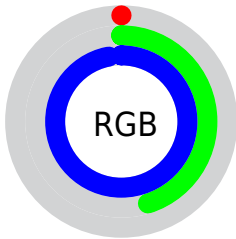
Format	Color
<code>RYB</code>	<code>0, 78, 247</code>
Decimal	<code>29431</code>
CIELab	<code>50.39, 24.52, -73.51</code>
CIELCh	<code>50, 77.494, 288.446</code>
Yxy	<code>18.7500, 0.1728, 0.1421</code>
Android (<code>android.graphics.Color</code>)	<code>4278219511 (0xFF0072F7)</code>
YUV	<code>95.0760, 74.8985, -83.3817</code>
Hunter-Lab	<code>43.3013, 18.2346, -93.4862</code>

Details

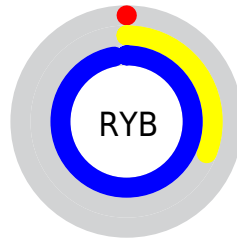
The Hex color **0072F7** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F78500**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6FA5FF**, and **0044BE** is the 20% darker color. If you saturate the color by 10%, you get **0072F7**, and if you desaturate by 10%, it is **197FF7**.

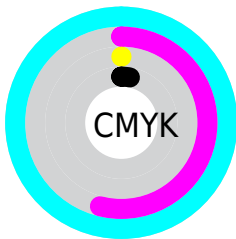
Distribution



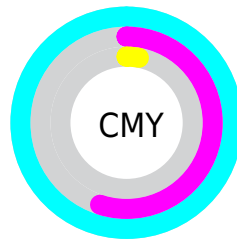
- Red (0%)
- Green (45%)
- Blue (97%)



- Red (0%)
- Yellow (31%)
- Blue (97%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (55%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0072F7 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 0072F7 by changing the saturation by 10% instead.

 0072F7

 0072F7

FFFFFF

 005ADA

 6FA5FF

 0044BE

 91C0FF

 002FA2

 B1DCFF

 001D87

 D1F8FF

 00026D

 F1FFFF

 000B53

 00063B

 000224

 00000D

 0072F7

 197FF7

 318DF7

 4A9AF7

 63A7F7

 7CB5F7

 94C2F7

 ADCFF7

 C6DCF7

 DEEAF7

Harmonies

Analogous

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



0088FB



0072F7



AB4ED1

Triad

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



0072F7



D24A0D



00925B

Complementary

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



0072F7



F78500

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.



008D09



0072F7



A76C00

Square

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



0072F7



E81E53



6C8100



0094A0

Rectangle

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



0072F7



D230AA



6C8100



009144

Sweetspot

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



0072F7



B3D6FF



00F784



526780



000000



808080

Same Dimension

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



0072F7



0076FF



0800F7



6E747A



0056BA



001B3B

Inverse Universe

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



F70072



FF0076



EFF700



7A6E74



BA0056



3B001B

Previews

White Background



This preview shows how the Hex color 0072F7 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

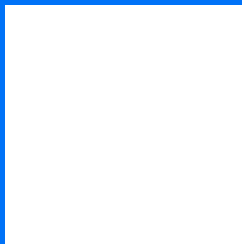
Any Text WCAG AAA × Fail

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

Hex 0072F7 Background



This preview shows how black text looks on a background with the Hex color 0072F7.



This preview shows how white text looks on a background with the Hex color 0072F7.

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
0072F7

Protanopia
0073F4

Deuteranopia
007AD3



Tritanopia
00858D

Trichromacy



Original Color
0072F7

Protanomaly
0073F5

Deuteranomaly
0077E0

Tritanomaly
007EB4

Monochromacy



Original Color
0072F7

Achromatopsia
5F5F5F

Achromatomaly
3C6696

CSS Examples

Text

The CSS property to change the color of the text to Hex 0072F7 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 #0072F7 looks like.

```
.text, #text, p{  
    color:#0072F7  
}
```

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 #0072F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072F7
}
```

Border

The CSS property to change the border of an element to Hex 0072F7 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
#0072F7 }
```

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

```
.border{ border-color:#0072F7 }
```

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

Here you see how a box with a 4 pixel #0072F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072F7; -webkit-box-shadow:4px 4px  
4px 4px #0072F7; box-shadow:4px 4px 4px  
4px #0072F7 }
```

Background

The CSS property to change the background color of an element to Hex 0072F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072F7 }
```

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

```
.background{ background-color:#0072F7 }
```

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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