

Converting Colors

Hex(0479F6)

Have a look what the booklet for
Hex(0479F6) contains.

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Color

Hex(0479F6)

Conversions

Conversions Part 1

Format	Color
Hex	0479F6
RGB	4, 121, 246
RGB Percent	2%, 47%, 96%
CMY	0.9843, 0.5255, 0.0353
CMYK	0.98, 0.51, 0.00, 0.04
HSL	211°, 97%, 49%
HSV	211°, 98%, 96%
XYZ	23.5220, 20.3544, 89.8778
YIQ	100.2670, -109.8570, 14.0710

Conversions

Conversions Part 2

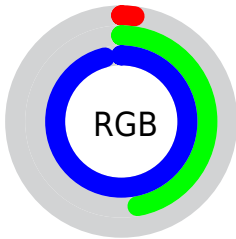
Format	Color
RYB	4, 83, 246
Decimal	293366
CIELab	52.24, 19.80, -69.96
CIELCh	52, 72.712, 285.800
Yxy	20.3544, 0.1759, 0.1522
Android (android.graphics.Color)	4278483446 (0xFF0479F6)
YUV	100.2670, 71.8464, -84.4262
Hunter-Lab	45.1158, 14.1117, -86.5339

Details

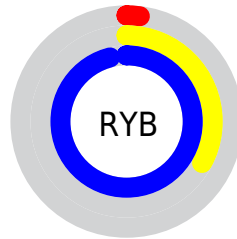
The Hex color **0479F6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F68104**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6FADFF**, and **004ABD** is the 20% darker color. If you saturate the color by 10%, you get **0077F6**, and if you desaturate by 10%, it is **1D86F6**.

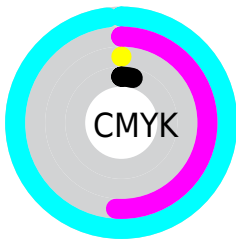
Distribution



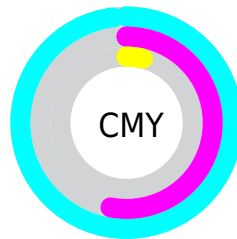
- Red (2%)
- Green (47%)
- Blue (96%)



- Red (2%)
- Yellow (33%)
- Blue (96%)



- Cyan (98%)
- Magenta (51%)
- Yellow (0%)
- Black (4%)



- Cyan (98%)
- Magenta (53%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0479F6 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 0479F6 by changing the saturation by 10% instead.

 0479F6

 0479F6

FFFFFF

 0061D9

 6FADFF

 004ABD

 91C8FF

 0035A1

 B1E3FF

 002286

 D1FFFF

 000C6C

 F0FFFF

 000B53

 00063B

 000224

 00000C

■ 0479F6

■ 0479F6

■ 0077F6

■ 1D86F6

■ 3592F6

■ 4E9FF6

■ 66ACF6

■ 7FB9F6

■ 98C5F6

■ B0D2F6

■ C9DFF6

■ E1EBF6

Harmonies

Analogous

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



008CF6



0479F6



A75AD5

Triad

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



0479F6



D75122



00965C

Complementary

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



0479F6



F68104

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.



229015



0479F6



AF6F00

Square

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



0479F6



E9325F



788400



00989D

Rectangle

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



0479F6



CF42B1



788400



009546

Sweetspot

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



0479F6



B3D7FF



04F67D



526880



000000



808080

Same Dimension

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



0479F6



007BFF



0404F6



6E747A



005ABA



001C3B

Inverse Universe

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



F60479



FF007B



F6F604



7A6E74



BA005A



3B001C

Previews

White Background



This preview shows how the Hex color 0479F6 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

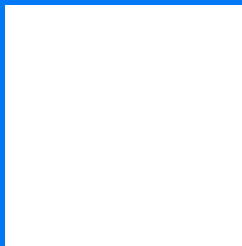
Any Text WCAG AAA × Fail

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

Hex 0479F6 Background



This preview shows how black text looks on a background with the Hex color 0479F6.



This preview shows how white text looks on a background with the Hex color 0479F6.

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
008A92

Trichromacy



Original Color
0479F6

Protanomaly
1D78F5

Deuteranomaly
017DE5

Tritanomaly
0184B6

Monochromacy



Original Color
0479F6

Achromatopsia
646464

Achromatomaly
416C99

CSS Examples

Text

The CSS property to change the color of the text to Hex 0479F6 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 #0479F6 looks like.

```
.text, #text, p{  
    color:#0479F6  
}
```

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 #0479F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0479F6
}
```

Border

The CSS property to change the border of an element to Hex 0479F6 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
#0479F6 }
```

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

```
.border{ border-color:#0479F6 }
```

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

Here you see how a box with a 4 pixel #0479F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0479F6; -webkit-box-shadow:4px 4px  
4px 4px #0479F6; box-shadow:4px 4px 4px  
4px #0479F6 }
```

Background

The CSS property to change the background color of an element to Hex 0479F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0479F6 }
```

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

```
.background{ background-color:#0479F6 }
```

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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