

Converting Colors

Hex(0470FB)

Have a look what the booklet for
Hex(0470FB) contains.

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Color

Hex(0470FB)

Conversions

Conversions Part 1

Format	Color
Hex	0470FB
RGB	4, 112, 251
RGB Percent	2%, 44%, 98%
CMY	0.9843, 0.5608, 0.0157
CMYK	0.98, 0.55, 0.00, 0.02
HSL	214°, 97%, 50%
HSV	214°, 98%, 98%
XYZ	23.2568, 18.5792, 93.6272
YIQ	95.5540, -108.9870, 20.3330

Conversions

Conversions Part 2

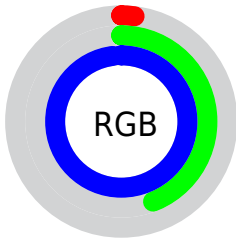
Format	Color
RYB	4, 79, 251
Decimal	291067
CIELab	50.19, 27.43, -76.06
CIELCh	50, 80.856, 289.828
Yxy	18.5792, 0.1717, 0.1372
Android (android.graphics.Color)	4278481147 (0xFF0470FB)
YUV	95.5540, 76.6349, -80.2929
Hunter-Lab	43.1036, 20.8796, -98.6139

Details

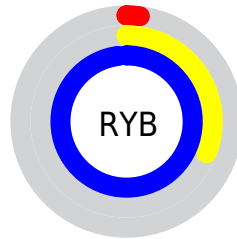
The Hex color **0470FB** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FB8F04**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **71A3FF**, and **0042C1** is the 20% darker color. If you saturate the color by 10%, you get **006EFB**, and if you desaturate by 10%, it is **1D7EFB**.

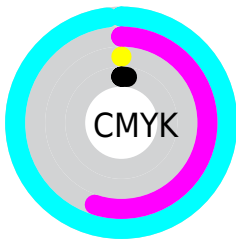
Distribution



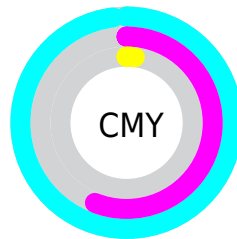
- Red (2%)
- Green (44%)
- Blue (98%)



- Red (2%)
- Yellow (31%)
- Blue (98%)



- Cyan (98%)
- Magenta (55%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (56%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0470FB 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 0470FB by changing the saturation by 10% instead.

 0470FB

 0470FB

FFFFFF

 0058DE

 71A3FF

 0042C1

 93BEFF

 002DA5

 B3D9FF

 001C8A

 D3F6FF

 000070

 F3FFFF

 000C56

 00063E

 000327

 000111

■ 0470FB

■ 0470FB

■ 006EFB

■ 1D7EFB

■ 368CFB

■ 4F9AFB

■ 68A9FB

■ 82B7FB

■ 9BC5FB

■ B4D3FB

■ CDE1FB

■ E6EFFB

Harmonies

Analogous

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



0087FF



0470FB



B049D2

Triad

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



0470FB



D34900



00935D

Complementary

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



0470FB



FB8F04

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.



008D03



0470FB



A56C00

Square

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



0470FB



EBOE4E



668200



0094A5

Rectangle

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



0470FB



D724A8



668200



009144

Sweetspot

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



0470FB



B3D4FF



04FB8C



526680



000000



808080

Same Dimension

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



0470FB



006FFF



1004FB



70767D



0053BD



001B3D

Inverse Universe

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



FB0470



FF006F



FFFB04



7D7076



BD0053



3D001B

Previews

White Background



This preview shows how the Hex color 0470FB looks on a white background.

Color Contrast Check

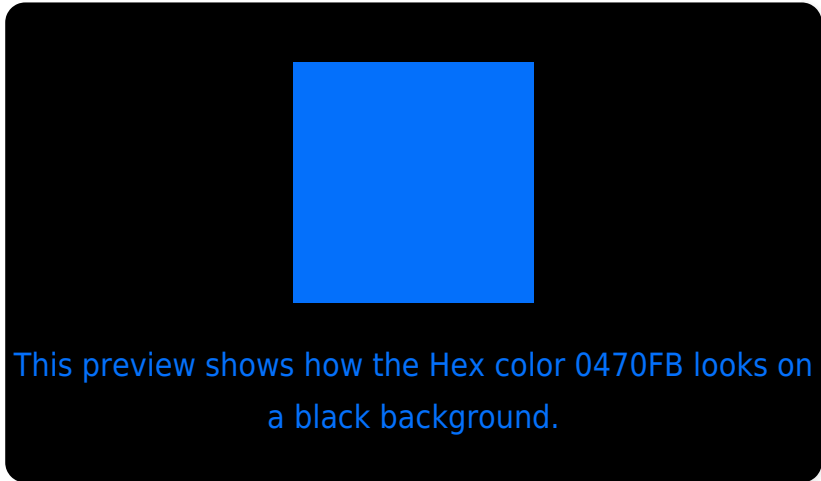
Large Text (above 18pt) WCAG AA ✓ Pass

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

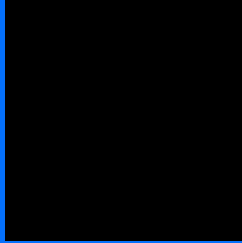
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

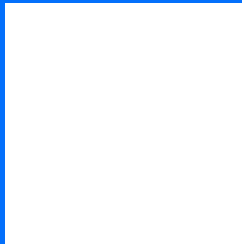
Any Text WCAG AAA × Fail

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

Hex 0470FB Background



This preview shows how black text looks on a background with the Hex color 0470FB.



This preview shows how white text looks on a background with the Hex color 0470FB.

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
0470FB

Protanopia
0072F3

Deuteranopia
007AD1



Tritanopia
00848C

Trichromacy



Original Color
0470FB

Protanomaly
0171F6

Deuteranomaly
0176E0

Tritanomaly
017DB4

Monochromacy



Original Color
0470FB

Achromatopsia
606060

Achromatomaly
3F6698

CSS Examples

Text

The CSS property to change the color of the text to Hex 0470FB 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 #0470FB looks like.

```
.text, #text, p{  
  color:#0470FB  
}
```

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 #0470FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0470FB
}
```

Border

The CSS property to change the border of an element to Hex 0470FB 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
#0470FB }
```

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

```
.border{ border-color:#0470FB }
```

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

Here you see how a box with a 4 pixel #0470FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0470FB; -webkit-box-shadow:4px 4px  
4px 4px #0470FB; box-shadow:4px 4px 4px  
4px #0470FB }
```

Background

The CSS property to change the background color of an element to Hex 0470FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0470FB }
```

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

```
.background{ background-color:#0470FB }
```

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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