

Converting Colors

Hex(4F70FF)

Have a look what the booklet for
Hex(4F70FF) contains.

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Color

Hex(4F70FF)

Conversions

Conversions Part 1

Format	Color
Hex	4F70FF
RGB	79, 112, 255
RGB Percent	31%, 44%, 100%
CMY	0.6902, 0.5608, 0.0000
CMYK	0.69, 0.56, 0.00, 0.00
HSL	229°, 100%, 65%
HSV	229°, 69%, 100%
XYZ	27.0686, 20.4706, 97.1323
YIQ	118.4350, -65.5710, 37.4770

Conversions

Conversions Part 2

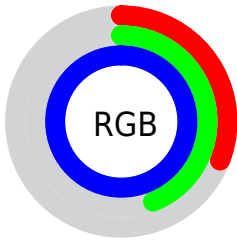
Format	Color
R_{YB}	79, 107, 255
Decimal	5206271
CIE _{Lab}	52.37, 34.28, -74.66
CIE _{LCh}	52, 82.155, 294.665
Yxy	20.4706, 0.1871, 0.1415
Android (android.graphics.Color)	4283396351 (0xFF4F70FF)
YUV	118.4350, 67.3265, -34.5845
Hunter-Lab	45.2445, 27.6143, -95.6146

Details

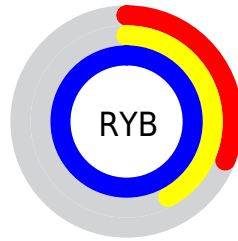
The Hex color **4F70FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FFDE4F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **93A3FF**, and **0041C5** is the 20% darker color. If you saturate the color by 10%, you get **365BFF**, and if you desaturate by 10%, it is **6985FF**.

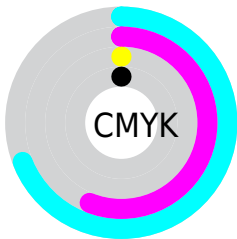
Distribution



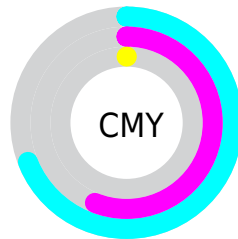
- Red (31%)
- Green (44%)
- Blue (100%)



- Red (31%)
- Yellow (42%)
- Blue (100%)



- Cyan (69%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F70FF 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 4F70FF by changing the saturation by 10% instead.

 4F70FF

 4F70FF

FFFFFF

 2058E2

 93A3FF

 0041C5

 B2BEFF

 002CA9

 D1DAFF

 00198E

 F0F7FF

 000373

 000C5A

 000741

 00032A

 000114

■ 4F70FF

■ 4F70FF

■ 365BFF

■ 6985FF

■ 1C47FF

■ 8299FF

■ 0332FF

■ 9CAEFF

■ 0030FF

■ B5C3FF

■ CFD8FF

■ E8ECFF

FFFFFF

Harmonies

Analogous

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



008AFF



4F70FF



C346D0

Triad

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



4F70FF



D55400



00996E

Complementary

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



4F70FF



FFDE4F

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.



00951F



4F70FF



A27600

Square

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



4F70FF



F22247



5F8A00



009AB6

Rectangle

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



4F70FF



E620A4



5F8A00



009855

Sweetspot

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



4F70FF



C9D3FF



4FFFDC



606680



000000



808080

Same Dimension

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



4F70FF



2B53FF



844FFF



737580



0024BF



000C40

Inverse Universe

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



FF4F70



FF2B53



CAFF4F



807375



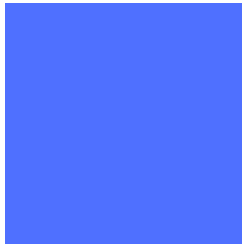
BF0024



40000C

Previews

White Background



This preview shows how the Hex color 4F70FF looks on a white background.

Color Contrast Check

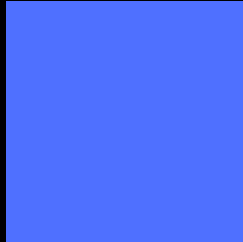
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4F70FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

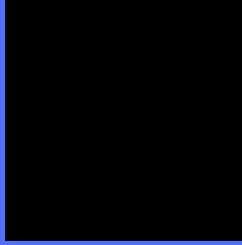
Any Text WCAG AA ✓ Pass

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 4F70FF Background



This preview shows how black text looks on a background with the Hex color 4F70FF.

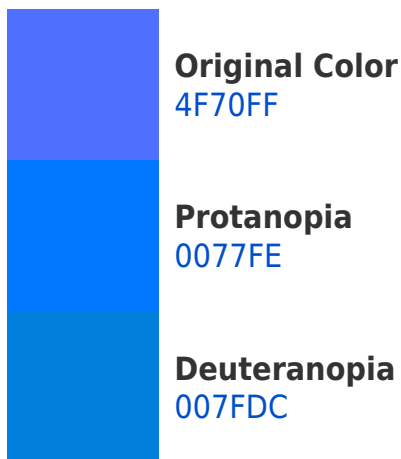


This preview shows how white text looks on a background with the Hex color 4F70FF.

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](#).

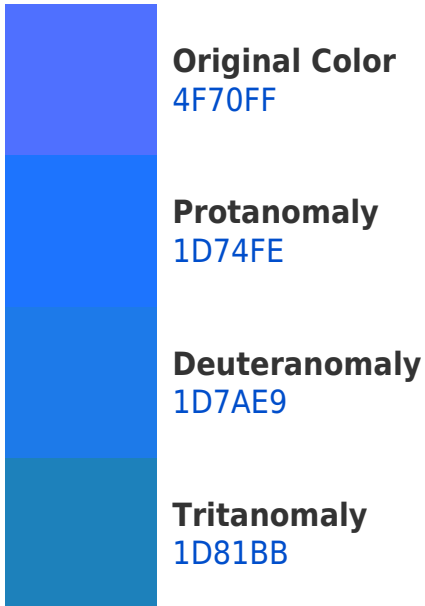
Dichromacy



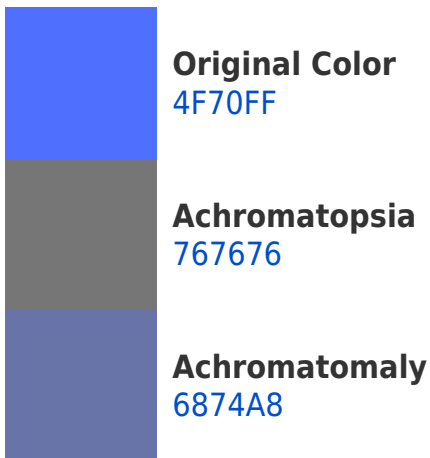


Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F70FF 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 #4F70FF looks like.

```
.text, #text, p{  
    color:#4F70FF  
}
```

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 #4F70FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F70FF
}
```

Border

The CSS property to change the border of an element to Hex 4F70FF 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
#4F70FF }
```

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

```
.border{ border-color:#4F70FF }
```

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

Here you see how a box with a 4 pixel #4F70FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F70FF; -webkit-box-shadow:4px 4px  
4px 4px #4F70FF; box-shadow:4px 4px 4px  
4px #4F70FF }
```

Background

The CSS property to change the background color of an element to Hex 4F70FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F70FF }
```

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

```
.background{ background-color:#4F70FF }
```

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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