

# Converting Colors

Hex(4A70F8)

Have a look what the booklet for  
Hex(4A70F8) contains.

<b>Hex(4A70F8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4A70F8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A70F8
RGB	74, 112, 248
RGB Percent	29%, 44%, 97%
CMY	0.7098, 0.5608, 0.0275
CMYK	0.70, 0.55, 0.00, 0.03
HSL	227°, 93%, 63%
HSV	227°, 70%, 97%
XYZ	25.5615, 19.8215, 91.2856
YIQ	116.1420, -66.3040, 34.2400

# Conversions

## Conversions Part 2

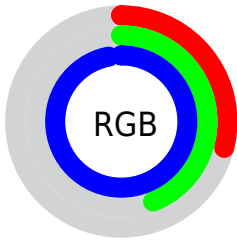
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	74, 105, 248
Decimal	4878584
CIE Lab	51.63, 31.21, -71.97
CIE LCh	52, 78.451, 293.443
Yxy	19.8215, 0.1870, 0.1450
Android (android.graphics.Color)	4283068664 (0xFF4A70F8)
YUV	116.1420, 65.0060, -36.9585
Hunter-Lab	44.5213, 24.5717, -90.4020

# Details

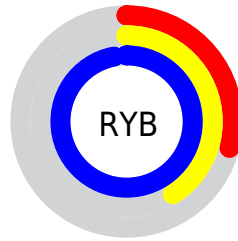
The Hex color **4A70F8** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F8D24A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8EA3FF**, and **0041BF** is the 20% darker color. If you saturate the color by 10%, you get **315DF8**, and if you desaturate by 10%, it is **6383F8**.

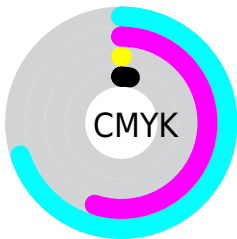
# Distribution



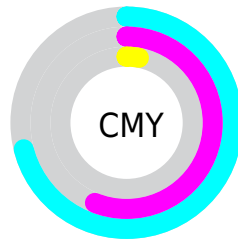
- Red (29%)
- Green (44%)
- Blue (97%)



- Red (29%)
- Yellow (41%)
- Blue (97%)



- Cyan (70%)
- Magenta (55%)
- Yellow (0%)
- Black (3%)



- Cyan (71%)
- Magenta (56%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A70F8 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 4A70F8 by changing the saturation by 10% instead.



■ 4A70F8

■ 4A70F8

FFFFFF

■ 1858DB

■ 8EA3FF

■ 0041BF

■ ADBEFF

■ 002CA3

■ CCDAFF

■ 001988

■ EBF6FF

■ 00016E

■ 000B54

■ 00063C

■ 000225

■ 00010E

■ 4A70F8

■ 4A70F8

■ 315DF8

■ 6383F8

■ 1849F8

■ 7C97F8

■ 0036F8

■ 94AAF8

■ ADBEF8

■ C6D1F8

■ DFE4F8

■ F8F8F8

■ FFFFF8

# Harmonies

## Analogous

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



0088FF



4A70F8



BB4ACC

# Triad

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



4A70F8



D15300



00966A

# Complementary

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



4A70F8



F8D24A

# 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.



00921F



4A70F8



A27300

# Square

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



4A70F8



EC284B



638700



0098AF

# Rectangle

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



4A70F8



DE2AA3



638700



009552



# Sweetspot

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



4A70F8



C9D5FF



4AF8CF



606780



000000



808080



# Same Dimension

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



4A70F8



2958FF



784AF8



70737D



0029BD



000D3D



# Inverse Universe

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



F84A70



FF2958



CAF84A



7D7073



BD0029

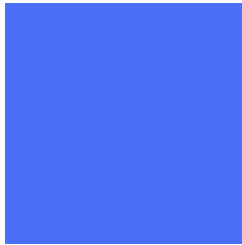


3D000D



# Previews

## White Background



This preview shows how the Hex color 4A70F8 looks on a white background.

## Color Contrast Check

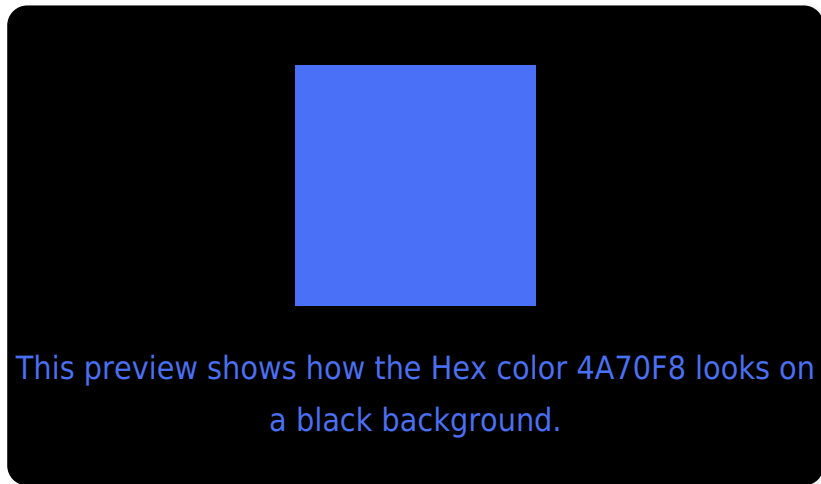
Large Text (above 18pt) WCAG AA ✓ Pass

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

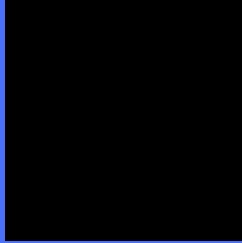
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4A70F8 Background



This preview shows how black text looks on a background with the Hex color 4A70F8.



This preview shows how white text looks on a background with the Hex color 4A70F8.

# 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



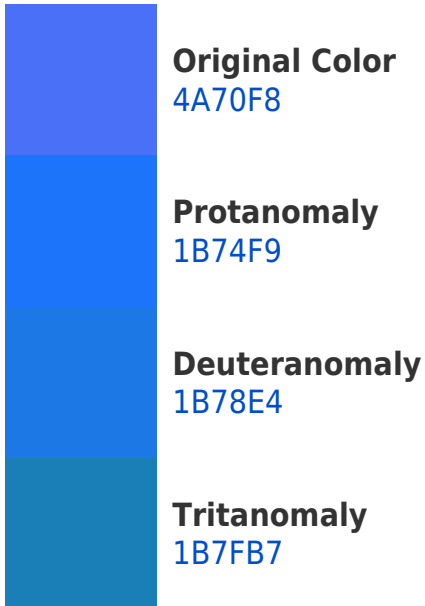
**Original Color**  
4A70F8

**Protanopia**  
0076FA

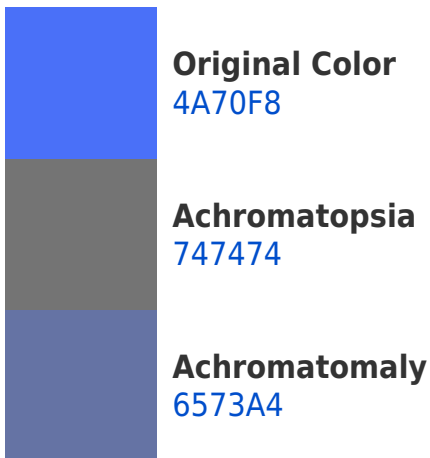
**Deuteranopia**  
007DD9



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A70F8 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 #4A70F8 looks like.

```
.text, #text, p{  
    color:#4A70F8  
}
```

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 #4A70F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A70F8  
}
```

## Border

The CSS property to change the border of an element to Hex 4A70F8 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  
#4A70F8 }
```

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

```
.border{ border-color:#4A70F8 }
```

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

Here you see how a box with a 4 pixel #4A70F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A70F8; -webkit-box-shadow:4px 4px  
4px 4px #4A70F8; box-shadow:4px 4px 4px  
4px #4A70F8 }
```

# Background

The CSS property to change the background color of an element to Hex 4A70F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A70F8 }
```

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

```
.background{ background-color:#4A70F8 }
```

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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