

Converting Colors

Hex(4F81FC)

Have a look what the booklet for
Hex(4F81FC) contains.

Hex(4F81FC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F81FC)

Conversions

Conversions Part 1

Format	Color
Hex	4F81FC
RGB	79, 129, 252
RGB Percent	31%, 51%, 99%
CMY	0.6902, 0.4941, 0.0118
CMYK	0.69, 0.49, 0.00, 0.01
HSL	223°, 97%, 65%
HSV	223°, 69%, 99%
XYZ	28.6454, 24.3911, 95.2936
YIQ	128.0720, -69.2830, 27.6530

Conversions

Conversions Part 2

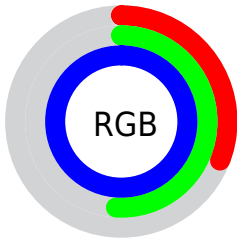
Format	Color
R_{YB}	79, 118, 252
Decimal	5210620
CIE _{Lab}	56.48, 22.83, -66.35
CIE _{LCh}	56, 70.164, 288.987
Yxy	24.3911, 0.1931, 0.1644
Android (android.graphics.Color)	4283400700 (0xFF4F81FC)
YUV	128.0720, 61.0965, -43.0361
Hunter-Lab	49.3873, 17.1050, -79.8299

Details

The Hex color **4F81FC** is a light color, and the websafe version is hex **3366CC**. The color can be described as light washed azure. A complement of this color would be **FCCA4F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **91B5FF**, and **0051C2** is the 20% darker color. If you saturate the color by 10%, you get **366FFC**, and if you desaturate by 10%, it is **6893FC**.

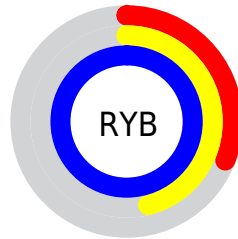
Distribution



Red (31%)

Green (51%)

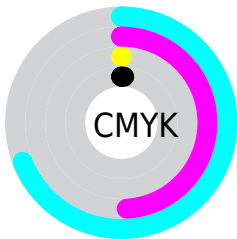
Blue (99%)



Red (31%)

Yellow (46%)

Blue (99%)

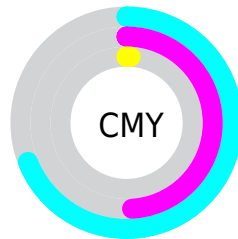


Cyan (69%)

Magenta (49%)

Yellow (0%)

Black (1%)



Cyan (69%)

Magenta (49%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F81FC 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 4F81FC by changing the saturation by 10% instead.

■ 4F81FC

FFFFFF

■ 91B5FF

■ B0D1FF

■ CFEDFF

■ EEEFFF

■ 4F81FC

■ 2268DF

■ 0051C2

■ 003BA7

■ 00268C

■ 001571

■ 000758

■ 000740

■ 000329

■ 000113

 4F81FC

 4F81FC

 366FFC

 6893FC

 1D5DFC

 81A5FC

 034BFC

 9BB7FC

 0049FC

 B4C9FC

 CDDBFC

 E6EDFC

 FFFEFC

FFFFFC

Harmonies

Analogous

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



0095FF



4F81FC



B964D9

Triad

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



4F81FC



DF612A



00A26E

Complementary

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



4F81FC



FCCA4F

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.



299C2F



4F81FC



B67D00

Square

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



4F81FC



F24764



7E9000



00A3AE

Rectangle

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



4F81FC



DD4FB5



7E9000



00A059

Sweetspot

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



4F81FC



C9D9FF



4FFCC8



606980



000000



808080

Same Dimension

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



4F81FC



2E6AFF



724FFC



70747D



0037BD



00123D

Inverse Universe

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



FC4F81



FF2E6A



D9FC4F



7D7074



BD0037



3D0012

Previews

White Background



This preview shows how the Hex color 4F81FC looks on a white background.

Color Contrast Check

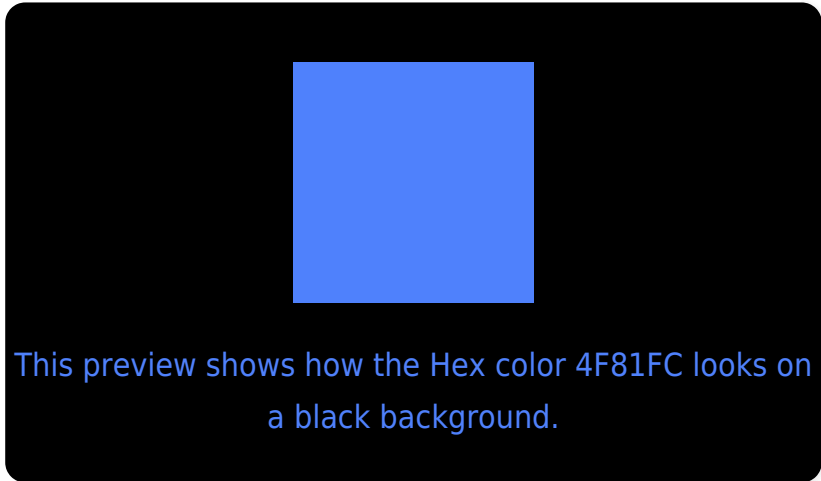
Large Text (above 18pt) WCAG AA ✓ Pass

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

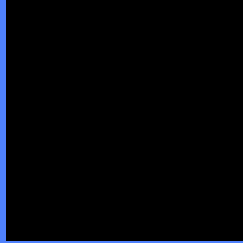
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

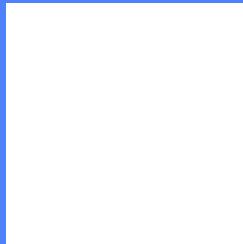
Any Text WCAG AAA × Fail

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

Hex 4F81FC Background



This preview shows how black text looks on a background with the Hex color 4F81FC.



This preview shows how white text looks on a background with the Hex color 4F81FC.

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
4F81FC

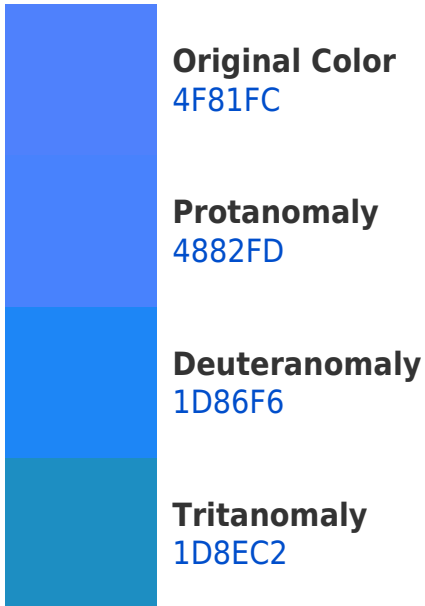
Protanopia
4482FD

Deuteranopia
0089F2

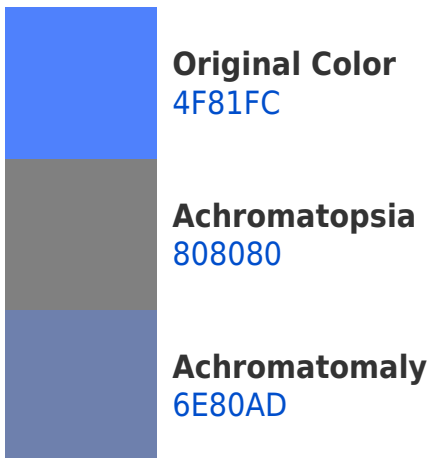


Tritanopia
0095A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F81FC 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 #4F81FC looks like.

```
.text, #text, p{  
    color:#4F81FC  
}
```

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 #4F81FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F81FC
}
```

Border

The CSS property to change the border of an element to Hex 4F81FC 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
#4F81FC }
```

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

```
.border{ border-color:#4F81FC }
```

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

Here you see how a box with a 4 pixel #4F81FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F81FC; -webkit-box-shadow:4px 4px  
4px 4px #4F81FC; box-shadow:4px 4px 4px  
4px #4F81FC }
```

Background

The CSS property to change the background color of an element to Hex 4F81FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F81FC }
```

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

```
.background{ background-color:#4F81FC }
```

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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