

Converting Colors

Hex(4F86FC)

Have a look what the booklet for
Hex(4F86FC) contains.

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Color

Hex(4F86FC)

Conversions

Conversions Part 1

Format	Color
Hex	4F86FC
RGB	79, 134, 252
RGB Percent	31%, 53%, 99%
CMY	0.6902, 0.4745, 0.0118
CMYK	0.69, 0.47, 0.00, 0.01
HSL	221°, 97%, 65%
HSV	221°, 69%, 99%
XYZ	29.3202, 25.7407, 95.5186
YIQ	131.0070, -70.6580, 25.0380

Conversions

Conversions Part 2

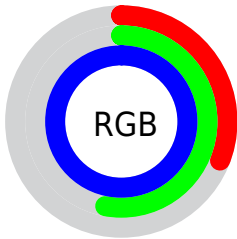
Format	Color
R _Y B	79, 121, 252
Decimal	5211900
CIE Lab	57.79, 19.78, -64.23
CIE LCh	58, 67.210, 287.116
Yxy	25.7407, 0.1947, 0.1709
Android (android.graphics.Color)	4283401980 (0xFF4F86FC)
YUV	131.0070, 59.6495, -45.6101
Hunter-Lab	50.7353, 14.3693, -76.1096

Details

The Hex color **4F86FC** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FCC54F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **91BBFF**, and **0055C3** is the 20% darker color. If you saturate the color by 10%, you get **3675FC**, and if you desaturate by 10%, it is **6897FC**.

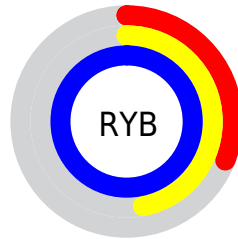
Distribution



Red (31%)

Green (53%)

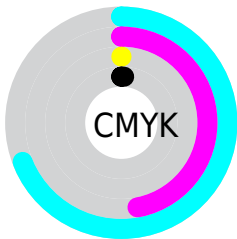
Blue (99%)



Red (31%)

Yellow (47%)

Blue (99%)

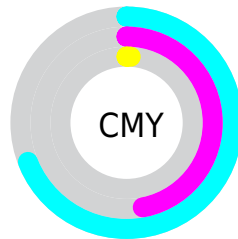


Cyan (69%)

Magenta (47%)

Yellow (0%)

Black (1%)



Cyan (69%)

Magenta (47%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F86FC 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 4F86FC by changing the saturation by 10% instead.

 4F86FC

 4F86FC

FFFFFF

 236DDF

 91BBFF

 0055C3

 B0D6FF

 003FA7

 CFF2FF

 002A8C

 EEEFFF

 001872

 000558

 000740

 000329

 000113

■ 4F86FC

■ 4F86FC

■ 3675FC

■ 6897FC

■ 1D64FC

■ 81A8FC

■ 0352FC

■ 9BBAFC

■ 0050FC

■ B4CBFC

■ CDDCFC

■ E6EDFC

■ FFFEFC

■ FFFFFC

Harmonies

Analogous

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



0099FE



4F86FC



B76BDC

Triad

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



4F86FC



E26535



00A46F

Complementary

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



4F86FC



FCC54F

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.



3D9E33



4F86FC



BB7F00

Square

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



4F86FC



F34F6C



879200



00A6AC

Rectangle

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



4F86FC



DB59BA



879200



00A35A

Sweetspot

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



4F86FC



C9DAFF



4FFCC2



606A80



000000



808080

Same Dimension

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



4F86FC



2E70FF



6C4FFC



70747D



003CBD



00133D

Inverse Universe

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



FC4F86



FF2E70



DFFC4F



7D7074



BD003C



3D0013

Previews

White Background



This preview shows how the Hex color 4F86FC looks on a white background.

Color Contrast Check

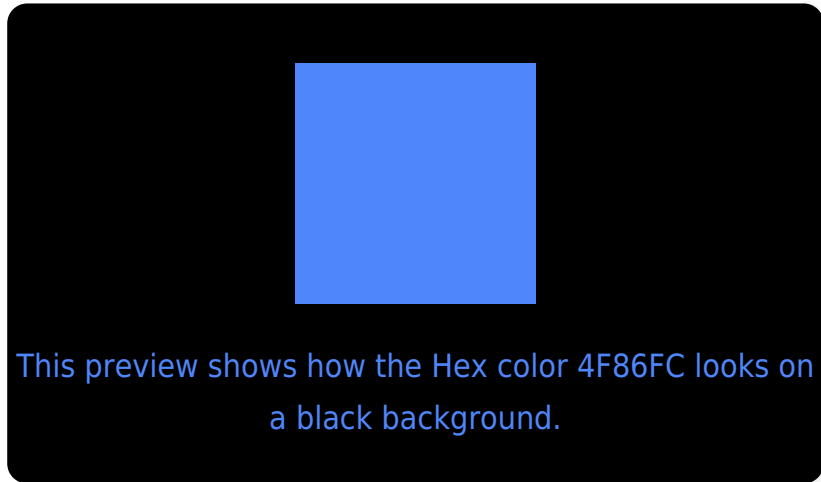
Large Text (above 18pt) WCAG AA ✓ Pass

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

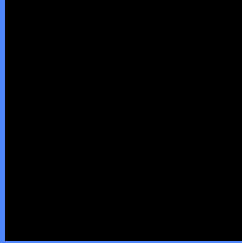
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

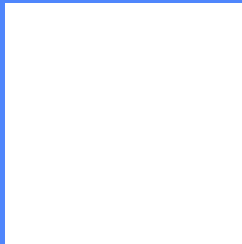
Any Text WCAG AAA × Fail

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

Hex 4F86FC Background



This preview shows how black text looks on a background with the Hex color 4F86FC.



This preview shows how white text looks on a background with the Hex color 4F86FC.

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](#).

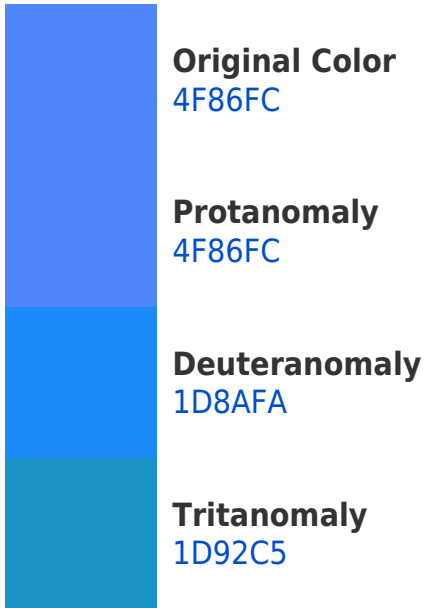
Dichromacy





Tritanopia
0099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F86FC 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 #4F86FC looks like.

```
.text, #text, p{  
  color:#4F86FC  
}
```

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 #4F86FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F86FC  
}
```

Border

The CSS property to change the border of an element to Hex 4F86FC 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  
#4F86FC }
```

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

```
.border{ border-color:#4F86FC }
```

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

Here you see how a box with a 4 pixel #4F86FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F86FC; -webkit-box-shadow:4px 4px  
4px 4px #4F86FC; box-shadow:4px 4px 4px  
4px #4F86FC }
```

Background

The CSS property to change the background color of an element to Hex 4F86FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F86FC }
```

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

```
.background{ background-color:#4F86FC }
```

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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