

# Converting Colors

Hex(4875FE)

Have a look what the booklet for  
Hex(4875FE) contains.

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# Color

**Hex(4875FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4875FE
RGB	72, 117, 254
RGB Percent	28%, 46%, 100%
CMY	0.7176, 0.5412, 0.0039
CMYK	0.72, 0.54, 0.00, 0.00
HSL	225°, 99%, 64%
HSV	225°, 72%, 100%
XYZ	26.9232, 21.2561, 96.4498
YIQ	119.1630, -70.7970, 33.0670

# Conversions

## Conversions Part 2

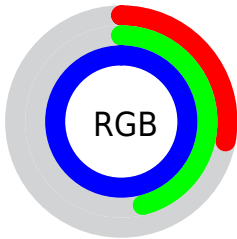
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	72, 108, 254
Decimal	4748798
CIE Lab	53.23, 29.97, -72.72
CIE LCh	53, 78.653, 292.400
Yxy	21.2561, 0.1862, 0.1470
Android (android.graphics.Color)	4282938878 (0xFF4875FE)
YUV	119.1630, 66.4746, -41.3620
Hunter-Lab	46.1043, 23.5548, -91.7611

# Details

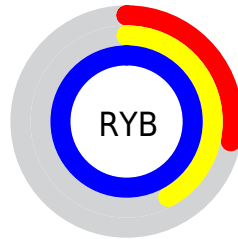
The Hex color **4875FE** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FED148**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8DA9FF**, and **0046C4** is the 20% darker color. If you saturate the color by 10%, you get **2F62FE**, and if you desaturate by 10%, it is **6188FE**.

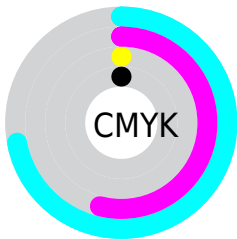
# Distribution



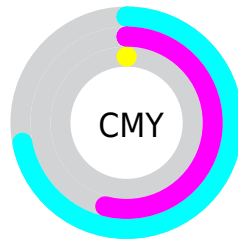
- Red (28%)
- Green (46%)
- Blue (100%)



- Red (28%)
- Yellow (42%)
- Blue (100%)



- Cyan (72%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (54%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4875FE 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 4875FE by changing the saturation by 10% instead.



 4875FE

 4875FE

FFFFFF

 0F5DE1

 8DA9FF

 0046C4

 ADC4FF

 0030A8


 CCDFFF

 001D8D

 EBFCFF

 000973

 000C59

 000741


 00032A

 000114

 4875FE

 4875FE

 2F62FE

 6188FE

 154FFE

 7B9BFE

 003FFE

 94AEFE

 AEC1FE

 C7D5FE

 E0E8FE

 FAFBFE

FFFFFFE

# Harmonies

## Analogous

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



008DFF



4875FE



BD50D3

# Triad

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



4875FE



D85603



009B6B

# Complementary

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



4875FE



FED148

# 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.



009620



4875FE



A87600

# Square

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



4875FE



F22D50



6A8B00



009CB1

# Rectangle

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



4875FE



E232AA



6A8B00



009A53



# Sweetspot

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



4875FE



C9D7FF



48FED1



606880



000000



808080



# Same Dimension

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



4875FE



245AFF



7648FE



737680



002FBF



001040



# Inverse Universe

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



FE4875



FF245A



D1FE48



807376



BF002F



400010



# Previews

## White Background



This preview shows how the Hex color 4875FE looks on a white background.

## Color Contrast Check

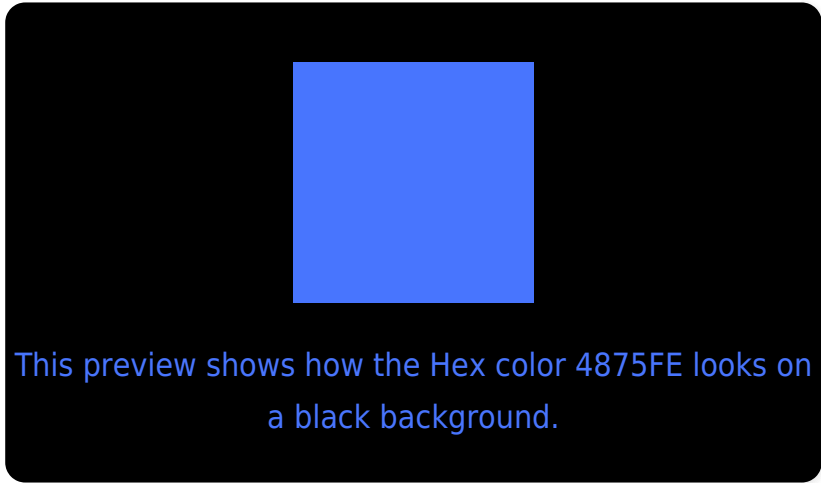
Large Text (above 18pt) WCAG AA ✓ Pass

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

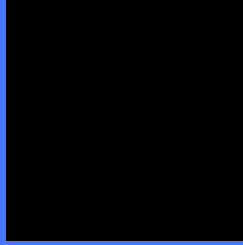
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4875FE Background



This preview shows how black text looks on a background with the Hex color 4875FE.

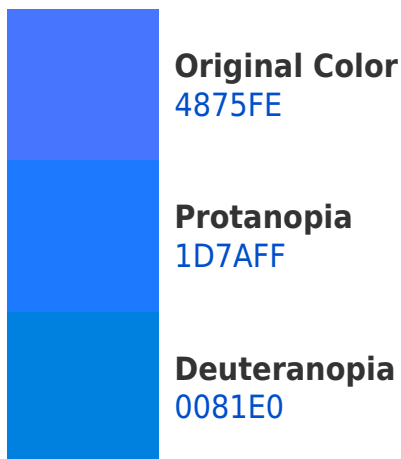


This preview shows how white text looks on a background with the Hex color 4875FE.

# 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](#).

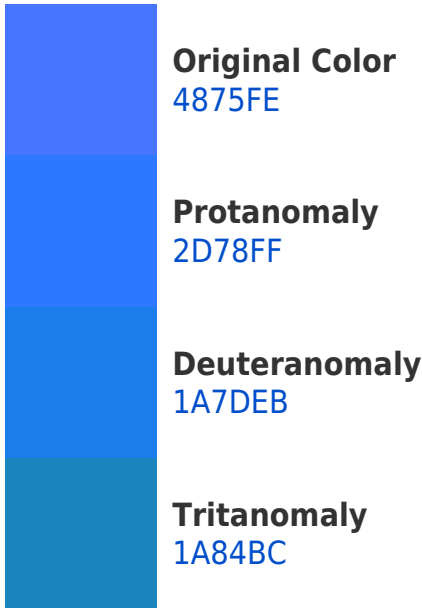
## Dichromacy



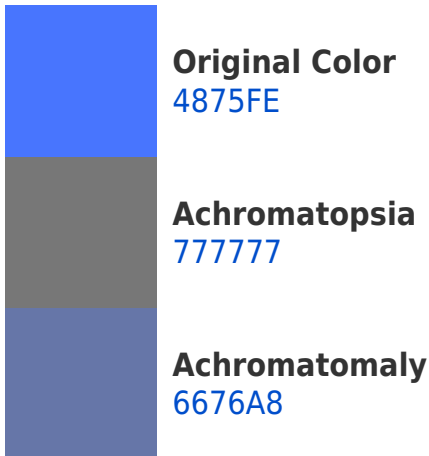


**Tritanopia**  
008C96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4875FE 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 #4875FE looks like.

```
.text, #text, p{  
    color:#4875FE  
}
```

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 #4875FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4875FE
}
```

## Border

The CSS property to change the border of an element to Hex 4875FE 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
#4875FE }
```

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

```
.border{ border-color:#4875FE }
```

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

Here you see how a box with a 4 pixel #4875FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4875FE; -webkit-box-shadow:4px 4px  
4px 4px #4875FE; box-shadow:4px 4px 4px  
4px #4875FE }
```

# Background

The CSS property to change the background color of an element to Hex 4875FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4875FE }
```

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

```
.background{ background-color:#4875FE }
```

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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