

# Converting Colors

Hex(3871EF)

Have a look what the booklet for  
Hex(3871EF) contains.

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# Color

**Hex(3871EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3871EF
RGB	56, 113, 239
RGB Percent	22%, 44%, 94%
CMY	0.7804, 0.5569, 0.0627
CMYK	0.77, 0.53, 0.00, 0.06
HSL	221°, 85%, 58%
HSV	221°, 77%, 94%
XYZ	23.1160, 18.8830, 84.0878
YIQ	110.3210, -74.4180, 27.1020

# Conversions

## Conversions Part 2

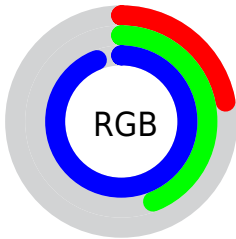
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 99, 239
Decimal	3699183
CIE <sub>Lab</sub>	50.55, 25.25, -68.75
CIE <sub>LCh</sub>	51, 73.241, 290.164
Yxy	18.8830, 0.1833, 0.1498
Android (android.graphics.Color)	4281889263 (0xFF3871EF)
YUV	110.3210, 63.4387, -47.6395
Hunter-Lab	43.4546, 18.9090, -84.3123

# Details

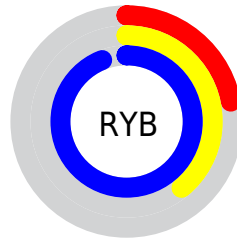
The Hex color **3871EF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **EFB638**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **80A4FF**, and **0042B6** is the 20% darker color. If you saturate the color by 10%, you get **2061EF**, and if you desaturate by 10%, it is **5081EF**.

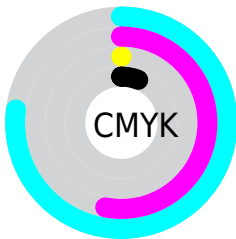
# Distribution



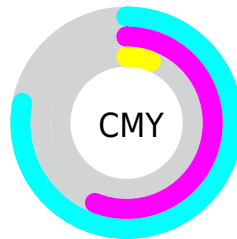
- Red (22%)
- Green (44%)
- Blue (94%)



- Red (22%)
- Yellow (39%)
- Blue (94%)



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)
- Black (6%)



- Cyan (78%)
- Magenta (56%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3871EF 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 3871EF by changing the saturation by 10% instead.



■ 3871EF

■ 3871EF

FFFFFF

■ 0059D2

■ 80A4FF

■ 0042B6

■ A0BFFF

■ 002D9A

■ BFD8FF

■ 001B80

■ DEF7FF

■ 000066

■ FDF8FF

■ 000A4D

■ 000535

■ 00021F

■ 000002

■ 3871EF

■ 3871EF

■ 2061EF

■ 5081EF

■ 0850EF

■ 6892EF

■ 004AEF

■ 80A2EF

■ 98B3EF

■ AFC3EF

■ C7D4EF

■ DFE4EF

■ F7F5EF

■ FFFFEF

# Harmonies

## Analogous

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



0086F5



3871EF



AD50C9

# Triad

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



3871EF



CD5112



009261

# Complementary

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



3871EF



EFB638

# 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.



008D1C



3871EF



A36E00

# Square

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



3871EF



E32E52



6A8200



0093A2

# Rectangle

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



3871EF



D137A4



6A8200



00914B



# Sweetspot

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



3871EF



C4D7FF



38EFB5



5C6780



000000



808080



# Same Dimension

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



3871EF



145DFF



5A38EF



6C7078



0039B8



001138



# Inverse Universe

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



EF3871



FF145D



CDEF38



786C70



B80039



380011



# Previews

## White Background



This preview shows how the Hex color 3871EF looks on a white background.

## Color Contrast Check

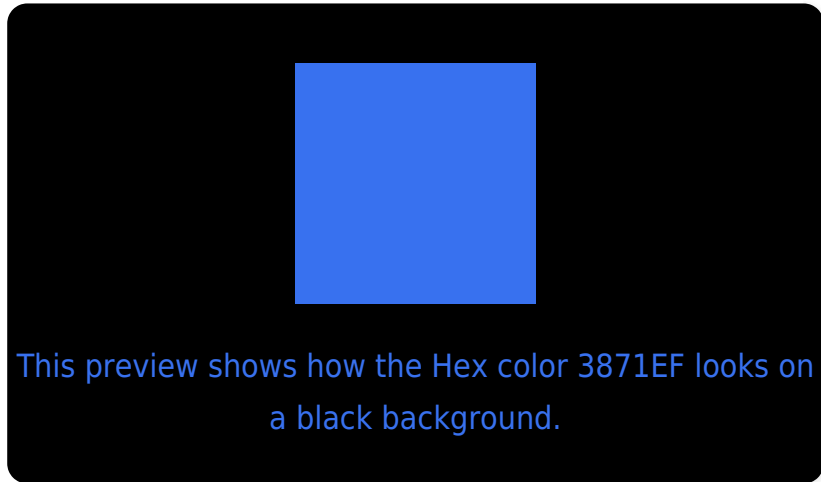
Large Text (above 18pt) WCAG AA ✓ Pass

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

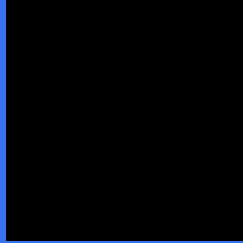
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3871EF Background



This preview shows how black text looks on a background with the Hex color 3871EF.



This preview shows how white text looks on a background with the Hex color 3871EF.

# 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](#).

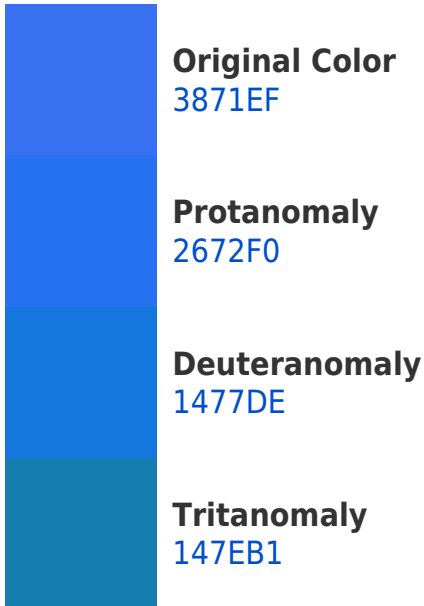
## Dichromacy





**Tritanopia**  
00858E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3871EF 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 #3871EF looks like.

```
.text, #text, p{  
    color:#3871EF  
}
```

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 #3871EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3871EF
}
```

## Border

The CSS property to change the border of an element to Hex 3871EF 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
#3871EF }
```

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

```
.border{ border-color:#3871EF }
```

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

Here you see how a box with a 4 pixel #3871EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3871EF; -webkit-box-shadow:4px 4px  
4px 4px #3871EF; box-shadow:4px 4px 4px  
4px #3871EF }
```

# Background

The CSS property to change the background color of an element to Hex 3871EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3871EF }
```

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

```
.background{ background-color:#3871EF }
```

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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