

# Converting Colors

Hex(4261EF)

Have a look what the booklet for  
Hex(4261EF) contains.

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# Color

**Hex(4261EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4261EF
RGB	66, 97, 239
RGB Percent	26%, 38%, 94%
CMY	0.7412, 0.6196, 0.0627
CMYK	0.72, 0.59, 0.00, 0.06
HSL	229°, 84%, 60%
HSV	229°, 72%, 94%
XYZ	22.1014, 15.9396, 83.5731
YIQ	103.9190, -64.0580, 37.5900

# Conversions

## Conversions Part 2

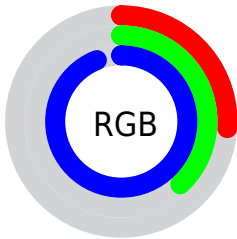
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 92, 239
Decimal	4350447
CIE Lab	46.90, 36.37, -74.68
CIE LCh	47, 83.063, 295.965
Yxy	15.9396, 0.1817, 0.1311
Android (android.graphics.Color)	4282540527 (0xFF4261EF)
YUV	103.9190, 66.5949, -33.2550
Hunter-Lab	39.9245, 28.9465, -96.1635

# Details

The Hex color **4261EF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **EFD042**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8793FF**, and **0033B6** is the 20% darker color. If you saturate the color by 10%, you get **2A4DEF**, and if you desaturate by 10%, it is **5A75EF**.

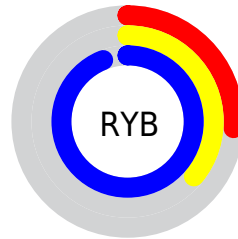
# Distribution



Red (26%)

Green (38%)

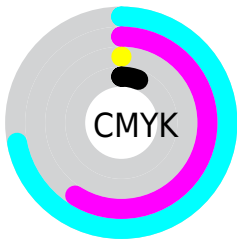
Blue (94%)



Red (26%)

Yellow (36%)

Blue (94%)

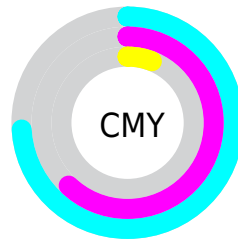


Cyan (72%)

Magenta (59%)

Yellow (0%)

Black (6%)



Cyan (74%)

Magenta (62%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4261EF 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 4261EF by changing the saturation by 10% instead.



■ 4261EF

FFFFFF

■ 8793FF

■ A7AEFF

■ C6C9FF

■ E5E5FF

■ 4261EF

■ 0049D2

■ 0033B6

■ 001F9A

■ 000E7F

■ 000065

■ 00094C

■ 000535

■ 00021E

■ 000001

 4261EF

 4261EF

 2A4DEF

 5A75EF

 123AEF

 7288EF

 002BEF

 8A9CEF

 A2AFEF

 B9C3EF

 D1D7EF

 E9EAEF

 FFFEEF

 FFFFEF

# Harmonies

## Analogous

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



007CFD



4261EF



B631BF

# Triad

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



4261EF



C24700



008A63

# Complementary

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



4261EF



EFD042

# 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.



008610



4261EF



906900

# Square

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



4261EF



E00037



4C7D00



008CAB

# Rectangle

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



4261EF



D70093



4C7D00



00894B



# Sweetspot

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



4261EF



C7D1FF



42EFCF



5E6480



000000



808080



# Same Dimension

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



4261EF



2149FF



7942EF



6C6E78



0021B8



000A38



# Inverse Universe

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



EF4261



FF2149



B8EF42



786C6E



B80021



38000A



# Previews

## White Background



This preview shows how the Hex color 4261EF looks on a white 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

# Black Background



This preview shows how the Hex color 4261EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

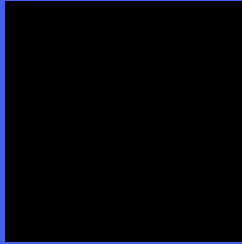
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4261EF Background



This preview shows how black text looks on a background with the Hex color 4261EF.

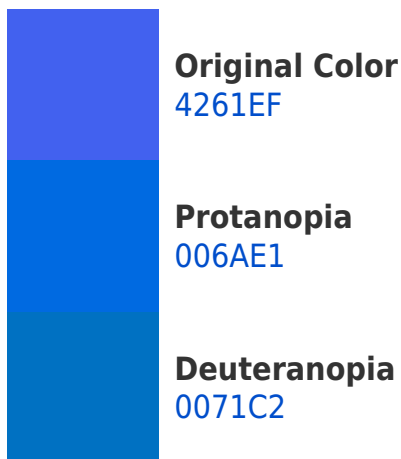


This preview shows how white text looks on a background with the Hex color 4261EF.

# 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](#).

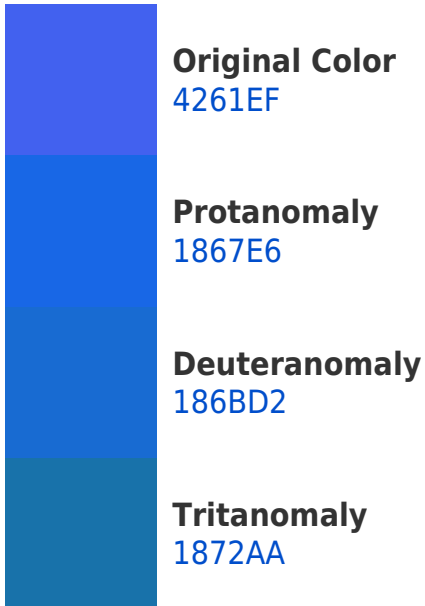
## Dichromacy





**Tritanopia**  
007B83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4261EF 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 #4261EF looks like.

```
.text, #text, p{  
    color:#4261EF  
}
```

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 #4261EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4261EF
}
```

## Border

The CSS property to change the border of an element to Hex 4261EF 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
#4261EF }
```

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

```
.border{ border-color:#4261EF }
```

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

Here you see how a box with a 4 pixel #4261EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4261EF; -webkit-box-shadow:4px 4px  
4px 4px #4261EF; box-shadow:4px 4px 4px  
4px #4261EF }
```

# Background

The CSS property to change the background color of an element to Hex 4261EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4261EF }
```

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

```
.background{ background-color:#4261EF }
```

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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