

# Converting Colors

Hex(4261F0)

Have a look what the booklet for  
Hex(4261F0) contains.

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# Color

**Hex(4261F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4261F0
RGB	66, 97, 240
RGB Percent	26%, 38%, 94%
CMY	0.7412, 0.6196, 0.0588
CMYK	0.72, 0.60, 0.00, 0.06
HSL	229°, 85%, 60%
HSV	229°, 72%, 94%
XYZ	22.2496, 15.9989, 84.3535
YIQ	104.0330, -64.3790, 37.9010

# Conversions

## Conversions Part 2

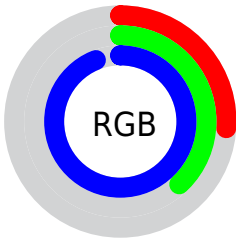
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 92, 240
Decimal	4350448
CIE <sub>Lab</sub>	46.97, 36.72, -75.11
CIE <sub>LCh</sub>	47, 83.606, 296.050
Y <sub>xy</sub>	15.9989, 0.1815, 0.1305
Android (android.graphics.Color)	4282540528 (0xFF4261F0)
Y <sub>UV</sub>	104.0330, 67.0317, -33.3549
Hunter-Lab	39.9986, 29.2948, -97.0382

# Details

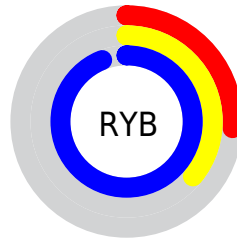
The Hex color **4261F0** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F0D142**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8793FF**, and **0033B7** is the 20% darker color. If you saturate the color by 10%, you get **2A4DF0**, and if you desaturate by 10%, it is **5A75F0**.

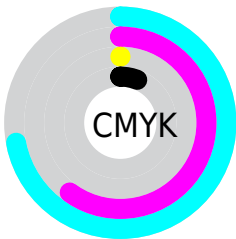
# Distribution



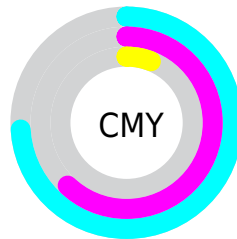
- Red (26%)
- Green (38%)
- Blue (94%)



- Red (26%)
- Yellow (36%)
- Blue (94%)



- Cyan (72%)
- Magenta (60%)
- Yellow (0%)
- Black (6%)



- Cyan (74%)
- Magenta (62%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4261F0 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 4261F0 by changing the saturation by 10% instead.



 4261F0

 4261F0

FFFFFF

 0049D3

 8793FF

 0033B7

 A7AEFF

 001F9B

 C6C9FF

 000F80

 E5E5FF

 000066

 000A4D

 000535

 00021F

 000002

 4261F0

 4261F0

 2A4DF0

 5A75F0

 123AF0

 7288F0

 002BF0

 8A9CF0

 A2B0F0

 BAC4F0

 D2D7F0

 EAEBF0

 FFFFF0

# Harmonies

## Analogous

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



007CFE



4261F0



B730BF

# Triad

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



4261F0



C34700



008B64

# Complementary

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



4261F0



F0D142

# 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.



00870F



4261F0



906A00

# Square

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



4261F0



E10037



4B7D00



008CAC

# Rectangle

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



4261F0



D80093



4B7D00



008A4B



# Sweetspot

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



4261F0



C7D1FF



42F0D0



5E6480



000000



808080



# Same Dimension

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



4261F0



2149FF



7942F0



6C6E78



0021B8



000A38



# Inverse Universe

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



F04261



FF2149



B9F042



786C6E



B80021

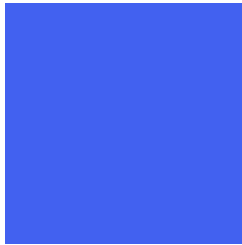


38000A



# Previews

## White Background



This preview shows how the Hex color 4261F0 looks on a white background.

## Color Contrast Check

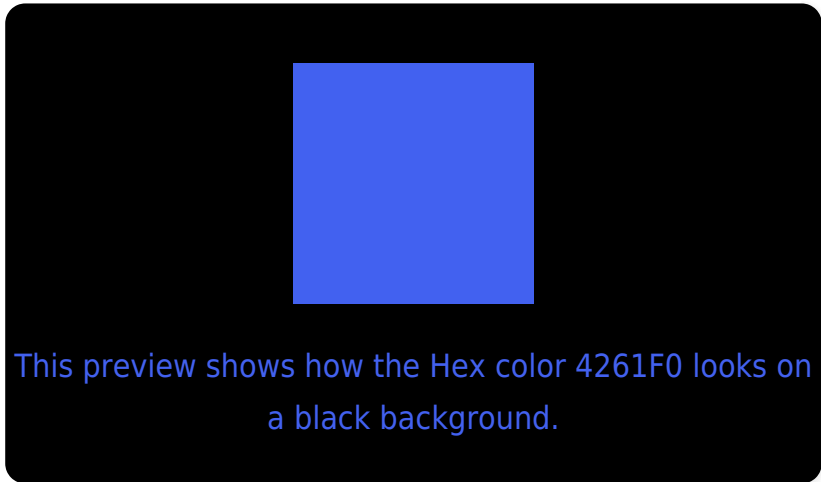
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

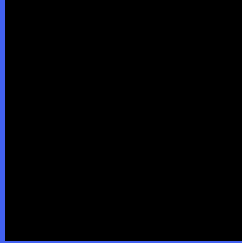
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4261F0 Background



This preview shows how black text looks on a background with the Hex color 4261F0.

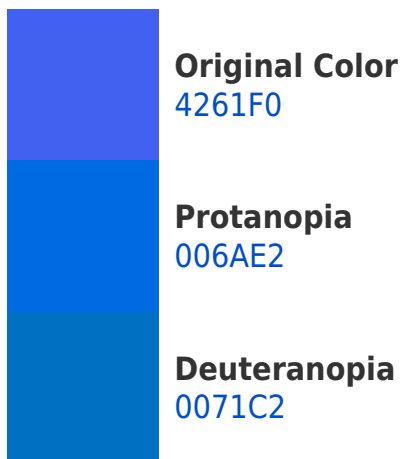


This preview shows how white text looks on a background with the Hex color 4261F0.

# 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](#).

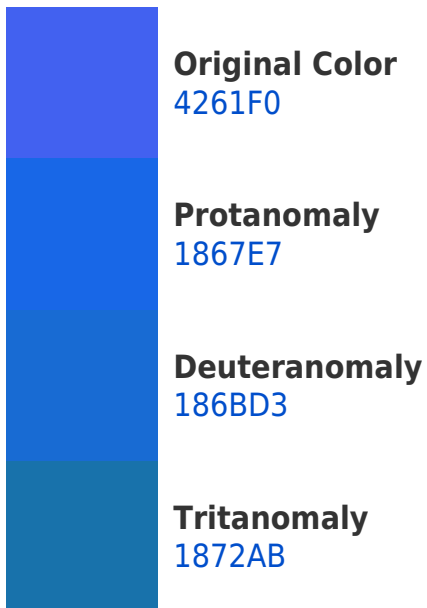
## Dichromacy



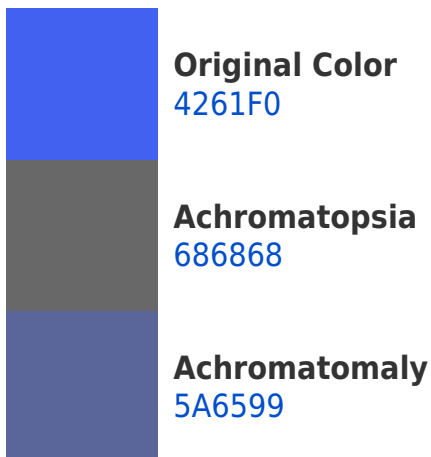


**Tritanopia**  
007B83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4261F0 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 #4261F0 looks like.

```
.text, #text, p{  
    color:#4261F0  
}
```

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 #4261F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4261F0
}
```

## Border

The CSS property to change the border of an element to Hex 4261F0 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
#4261F0 }
```

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

```
.border{ border-color:#4261F0 }
```

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

Here you see how a box with a 4 pixel #4261F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4261F0; -webkit-box-shadow:4px 4px  
4px 4px #4261F0; box-shadow:4px 4px 4px  
4px #4261F0 }
```

# Background

The CSS property to change the background color of an element to Hex 4261F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4261F0 }
```

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

```
.background{ background-color:#4261F0 }
```

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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