

Converting Colors

Hex(4156F0)

Have a look what the booklet for
Hex(4156F0) contains.

Hex(4156F0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4156F0)

Conversions

Conversions Part 1

Format	Color
Hex	4156F0
RGB	65, 86, 240
RGB Percent	25%, 34%, 94%
CMY	0.7451, 0.6627, 0.0588
CMYK	0.73, 0.64, 0.00, 0.06
HSL	233°, 85%, 60%
HSV	233°, 73%, 94%
XYZ	21.2359, 14.0707, 84.0347
YIQ	97.2770, -61.9500, 43.4420

Conversions

Conversions Part 2

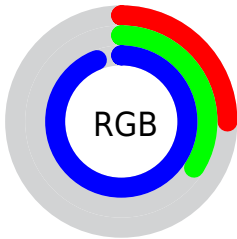
Format	Color
R _Y B	65, 84, 240
Decimal	4282096
CIE Lab	44.33, 43.34, -79.43
CIE LCh	44, 90.485, 298.617
Yxy	14.0707, 0.1779, 0.1179
Android (android.graphics.Color)	4282472176 (0xFF4156F0)
YUV	97.2770, 70.3624, -28.3069
Hunter-Lab	37.5109, 35.4097, -106.5683

Details

The Hex color **4156F0** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed blue. A complement of this color would be **F0DB41**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8788FF**, and **0029B7** is the 20% darker color. If you saturate the color by 10%, you get **2941F0**, and if you desaturate by 10%, it is **596BF0**.

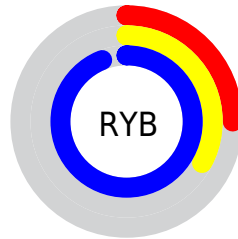
Distribution



Red (25%)

Green (34%)

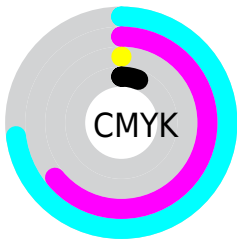
Blue (94%)



Red (25%)

Yellow (33%)

Blue (94%)

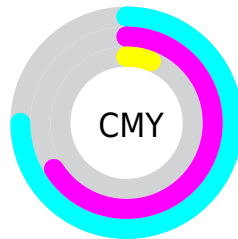


Cyan (73%)

Magenta (64%)

Yellow (0%)

Black (6%)



Cyan (75%)

Magenta (66%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4156F0 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 4156F0 by changing the saturation by 10% instead.

■ 4156F0

■ 4156F0

FFFFFF

■ 003FD3

■ 8788FF

■ 0029B7

■ A7A2FF

■ 00159B

■ C7BDFF

■ 000380

■ E6D9FF

■ 000266

■ FFF6FF

■ 000A4D

■ 000535

■ 00021F


■ 000002

 4156F0

 4156F0


 2941F0

 596BF0

 112CF0

 7180F0

 001DF0

 8995F0

 A1AAF0

 B9C0F0

 D1D5F0

 E9EAF0

 FFFFF0

Harmonies

Analogous

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



0075FF



4156F0



BB02B9

Triad

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



4156F0



BB3F00



008563

Complementary

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



4156F0



F0DB41

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.



008101



4156F0



836500

Square

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



4156F0



DE0027



347800



0086B0

Rectangle

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



4156F0



DB0089



347800



008448

Sweetspot

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



4156F0



C7CEFF



41F0D9



5E6280



000000



808080

Same Dimension

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



4156F0



1F3AFF



8141F0



6C6D78



0016B8



000738

Inverse Universe

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



F04156



FF1F3A



B0F041



786C6D



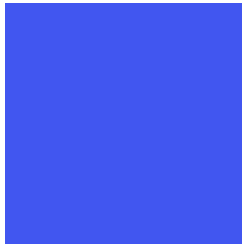
B80016



380007

Previews

White Background



This preview shows how the Hex color 4156F0 looks on a white background.

Color Contrast Check

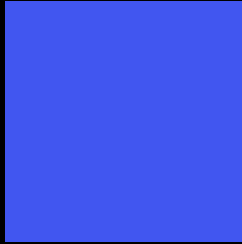
Large Text (above 18pt) WCAG AA ✓ Pass

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 4156F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

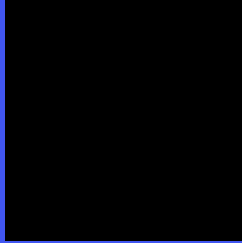
Any Text WCAG AA × Fail

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 4156F0 Background



This preview shows how black text looks on a background with the Hex color 4156F0.

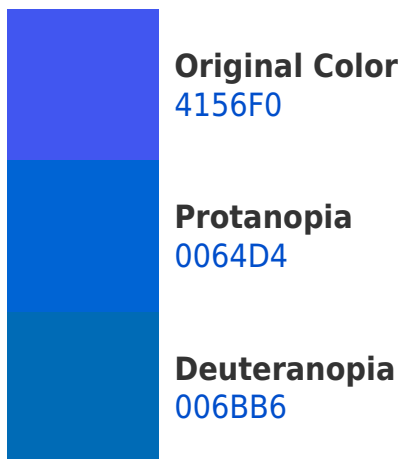


This preview shows how white text looks on a background with the Hex color 4156F0.

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](#).

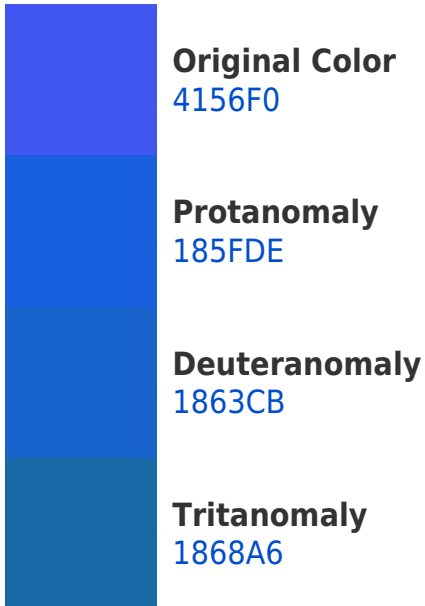
Dichromacy



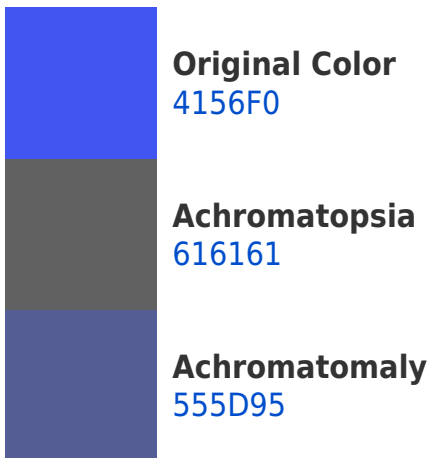


Tritanopia
00737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4156F0 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 #4156F0 looks like.

```
.text, #text, p{  
    color:#4156F0  
}
```

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 #4156F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4156F0
}
```

Border

The CSS property to change the border of an element to Hex 4156F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

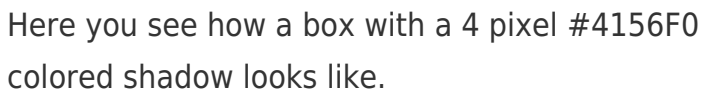
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4156F0 }
```

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

```
.border{ border-color:#4156F0 }
```

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



Here you see how a box with a 4 pixel #4156F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4156F0; -webkit-box-shadow:4px 4px  
4px 4px #4156F0; box-shadow:4px 4px 4px  
4px #4156F0 }
```

Background

The CSS property to change the background color of an element to Hex 4156F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4156F0 }
```

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

```
.background{ background-color:#4156F0 }
```

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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