

# Converting Colors

Hex(4150F6)

Have a look what the booklet for  
Hex(4150F6) contains.

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# Color

**Hex(4150F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4150F6
RGB	65, 80, 246
RGB Percent	25%, 31%, 96%
CMY	0.7451, 0.6863, 0.0353
CMYK	0.74, 0.67, 0.00, 0.04
HSL	235°, 91%, 61%
HSV	235°, 74%, 96%
XYZ	21.6832, 13.5150, 88.6546
YIQ	94.4390, -62.2260, 48.4460

# Conversions

## Conversions Part 2

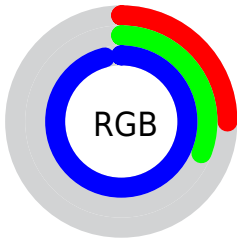
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	65, 79, 246
Decimal	4280566
CIE Lab	43.53, 48.92, -84.12
CIE LCh	44, 97.313, 300.182
Yxy	13.5150, 0.1751, 0.1091
Android (android.graphics.Color)	4282470646 (0xFF4150F6)
YUV	94.4390, 74.7196, -25.8180
Hunter-Lab	36.7627, 40.9472, -117.2461

# Details

The Hex color **4150F6** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **F6E741**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8982FF**, and **0023BC** is the 20% darker color. If you saturate the color by 10%, you get **2839F6**, and if you desaturate by 10%, it is **5A67F6**.

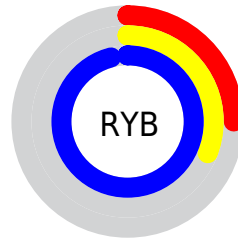
# Distribution



Red (25%)

Green (31%)

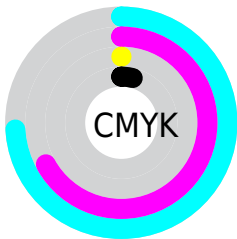
Blue (96%)



Red (25%)

Yellow (31%)

Blue (96%)

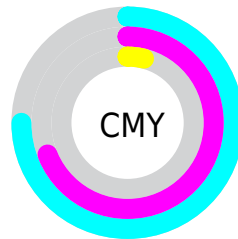


Cyan (74%)

Magenta (67%)

Yellow (0%)

Black (4%)



Cyan (75%)

Magenta (69%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4150F6 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 4150F6 by changing the saturation by 10% instead.



 4150F6

 4150F6

FFFFFF

 0039D9

 8982FF

 0023BC

 A99CFF

 000EA0

 C9B7FF

 000085

 E9D3FF

 00036B

 FFF0FF

 000B51

 000539

 000223

 00000A

■ 4150F6

■ 4150F6

■ 2839F6

■ 5A67F6

■ 1023F6

■ 727DF6

■ 0014F6

■ 8B94F6

■ A3AAF6

■ BCC1F6

■ D5D7F6

■ EDEEF6

■ FFFFF6

# Harmonies

## Analogous

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



0074FF



4150F6



C100B9

# Triad

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



4150F6



BA3C00



008465

# Complementary

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



4150F6



F6E741

# 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.



008000



4150F6



7E6500

# Square

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



4150F6



E1001C



1E7800



0085B7

# Rectangle

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



4150F6



E10085



1E7800



008349



# Sweetspot

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



4150F6



C7CCFF



41F6E7



5E6180



000000



808080



# Same Dimension

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



4150F6



1F31FF



8C41F6



6E6F7A



000FBA



00053B



# Inverse Universe

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



F64150



FF1F31



ABF641



7A6E6F



BA000F

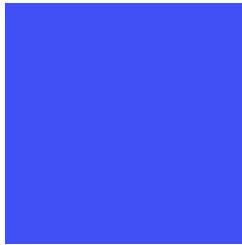


3B0005



# Previews

## White Background



This preview shows how the Hex color 4150F6 looks on a white background.

## Color Contrast Check

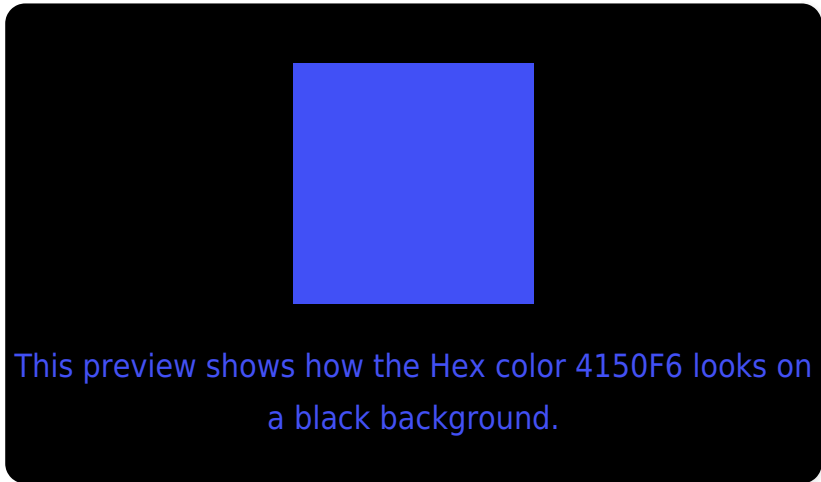
Large Text (above 18pt) WCAG AA ✓ Pass

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

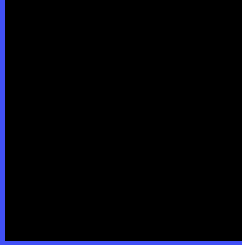
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4150F6 Background



This preview shows how black text looks on a background with the Hex color 4150F6.



This preview shows how white text looks on a background with the Hex color 4150F6.

# Color Blindness Simulation

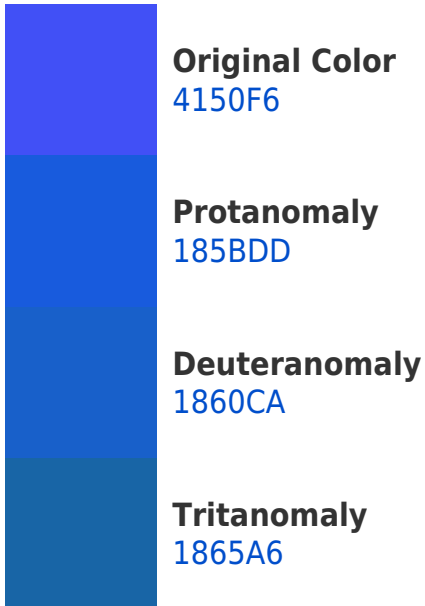
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4150F6 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 #4150F6 looks like.

```
.text, #text, p{  
    color:#4150F6  
}
```

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 #4150F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4150F6
}
```

## Border

The CSS property to change the border of an element to Hex 4150F6 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
#4150F6 }
```

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

```
.border{ border-color:#4150F6 }
```

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

Here you see how a box with a 4 pixel #4150F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4150F6; -webkit-box-shadow:4px 4px  
4px 4px #4150F6; box-shadow:4px 4px 4px  
4px #4150F6 }
```

# Background

The CSS property to change the background color of an element to Hex 4150F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4150F6 }
```

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

```
.background{ background-color:#4150F6 }
```

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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