

# Converting Colors

Hex(4563F0)

Have a look what the booklet for  
Hex(4563F0) contains.

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# Color

**Hex(4563F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4563F0
RGB	69, 99, 240
RGB Percent	27%, 39%, 94%
CMY	0.7294, 0.6118, 0.0588
CMYK	0.71, 0.59, 0.00, 0.06
HSL	229°, 85%, 61%
HSV	229°, 71%, 94%
XYZ	22.6443, 16.4802, 84.4256
YIQ	106.1040, -63.1410, 37.4910

# Conversions

## Conversions Part 2

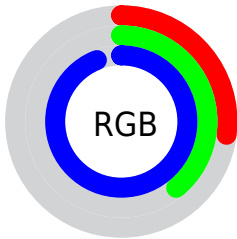
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	69, 95, 240
Decimal	4547568
CIE Lab	47.60, 35.83, -74.09
CIE LCh	48, 82.297, 295.811
Yxy	16.4802, 0.1833, 0.1334
Android (android.graphics.Color)	4282737648 (0xFF4563F0)
YUV	106.1040, 66.0107, -32.5402
Hunter-Lab	40.5958, 28.5245, -94.8863

# Details

The Hex color **4563F0** 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 **F0D245**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8995FF**, and **0035B7** is the 20% darker color. If you saturate the color by 10%, you get **2D4FF0**, and if you desaturate by 10%, it is **5D77F0**.

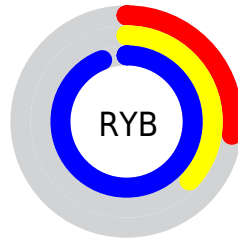
# Distribution



Red (27%)

Green (39%)

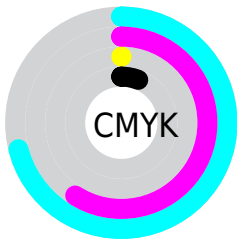
Blue (94%)



Red (27%)

Yellow (37%)

Blue (94%)

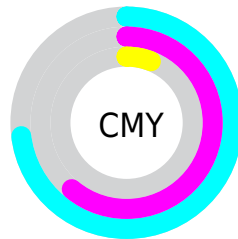


Cyan (71%)

Magenta (59%)

Yellow (0%)

Black (6%)



Cyan (73%)

Magenta (61%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4563F0 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 4563F0 by changing the saturation by 10% instead.



 4563F0

 4563F0

FFFFFF

 0B4BD3

 8995FF

 0035B7

 A9B0FF

 00219B

 C8CBFF

 001080

 E7E8FF

 000066

 000A4D

 000535

 00021F

 000002

 4563F0

 4563F0

 2D4FF0

 5D77F0

 153BF0

 758BF0

 002AF0

 8D9EF0

 A5B2F0

 BDC6F0

 D5DAF0

 EDEEF0

 FFFFF0

# Harmonies

## Analogous

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



007EFE



4563F0



B835C0

# Triad

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



4563F0



C44900



008C65

# Complementary

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



4563F0



F0D245

# 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.



008814



4563F0



926B00

# Square

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



4563F0



E2013A



4F7E00



008DAC

# Rectangle

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



4563F0



D90095



4F7E00



008B4C



# Sweetspot

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



4563F0



C9D3FF



45F0D1



606580



000000



808080



# Same Dimension

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



4563F0



244AFF



7B45F0



6C6E78



0020B8



000A38



# Inverse Universe

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



F04563



FF244A



BAF045



786C6E



B80020

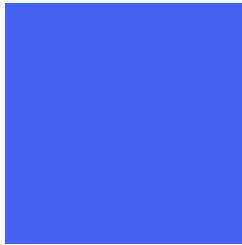


38000A



# Previews

## White Background



This preview shows how the Hex color 4563F0 looks on a white background.

## Color Contrast Check

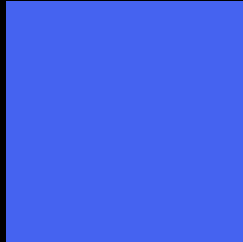
Large Text (above 18pt) WCAG AA ✓ Pass

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 4563F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

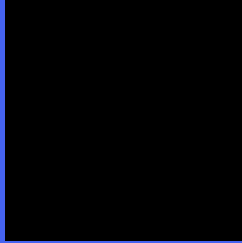
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4563F0 Background



This preview shows how black text looks on a background with the Hex color 4563F0.



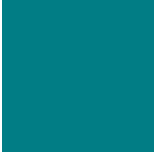
This preview shows how white text looks on a background with the Hex color 4563F0.

# 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**  
007D85

# Trichromacy



**Original Color**  
4563F0

**Protanomaly**  
1969E9

**Deuteranomaly**  
196DD5

**Tritanomaly**  
1974AC

# Monochromacy



**Original Color**  
4563F0

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
5D679B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4563F0 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 #4563F0 looks like.

```
.text, #text, p{  
    color:#4563F0  
}
```

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 #4563F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4563F0
}
```

## Border

The CSS property to change the border of an element to Hex 4563F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

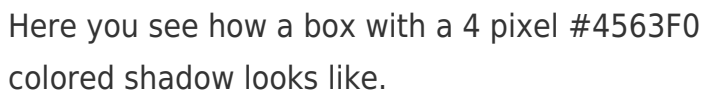
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4563F0 }
```

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

```
.border{ border-color:#4563F0 }
```

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



Here you see how a box with a 4 pixel #4563F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4563F0; -webkit-box-shadow:4px 4px  
4px 4px #4563F0; box-shadow:4px 4px 4px  
4px #4563F0 }
```

# Background

The CSS property to change the background color of an element to Hex 4563F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4563F0 }
```

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

```
.background{ background-color:#4563F0 }
```

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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