

Converting Colors

Hex(465EFF)

Have a look what the booklet for
Hex(465EFF) contains.

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Color

Hex(465EFF)

Conversions

Conversions Part 1

Format	Color
Hex	465EFF
RGB	70, 94, 255
RGB Percent	27%, 37%, 100%
CMY	0.7255, 0.6314, 0.0000
CMYK	0.73, 0.63, 0.00, 0.00
HSL	232°, 100%, 64%
HSV	232°, 73%, 100%
XYZ	24.5785, 16.5275, 96.5024
YIQ	105.1780, -65.9850, 44.9830

Conversions

Conversions Part 2

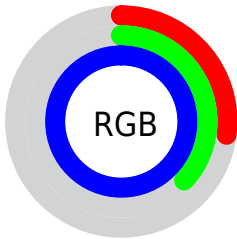
Format	Color
R _Y B	70, 91, 255
Decimal	4611839
CIE Lab	47.66, 44.16, -82.36
CIE LCh	48, 93.446, 298.198
Yxy	16.5275, 0.1786, 0.1201
Android (android.graphics.Color)	4282801919 (0xFF465EFF)
YUV	105.1780, 73.8622, -30.8511
Hunter-Lab	40.6540, 36.7725, -112.2817

Details

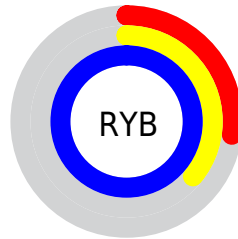
The Hex color **465EFF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed blue. A complement of this color would be **FFE746**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8D90FF**, and **0030C5** is the 20% darker color. If you saturate the color by 10%, you get **2D48FF**, and if you desaturate by 10%, it is **6074FF**.

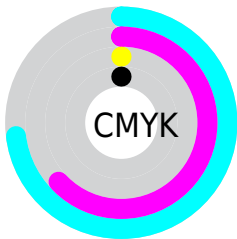
Distribution



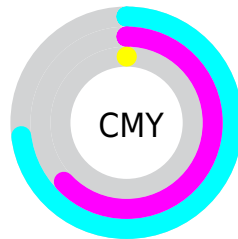
- Red (27%)
- Green (37%)
- Blue (100%)



- Red (27%)
- Yellow (36%)
- Blue (100%)



- Cyan (73%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465EFF 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 465EFF by changing the saturation by 10% instead.

 465EFF

 465EFF

FFFFFF

 0046E2

 8D90FF

 0030C5

 ADABFF

 001CA9

 CDC6FF

 000B8D

 EDE2FF

 000073

 000D59

 000741

 00032A

 000114

■ 465EFF

■ 465EFF

■ 2D48FF

■ 6074FF

■ 1332FF

■ 798AFF

■ 0021FF

■ 93A1FF

■ ACB7FF

■ C6CDFE

■ DFE3FF

■ F9F9FF

FFFFFF

Harmonies

Analogous

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



007EFF



465EFF



C613C6

Triad

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



465EFF



C84500



008F6A

Complementary

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



465EFF



FFE746

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.



008B04



465EFF



8E6D00

Square

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



465EFF



ED002D



3D8100



0090BA

Rectangle

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



465EFF



E80094



3D8100



008E4E

Sweetspot

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



465EFF



C7CEFF



46FFE6



5E6380



000000



808080

Same Dimension

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



465EFF



213EFF



8A46FF



737480



0019BF



000840

Inverse Universe

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



FF465E



FF213E



BBFF46



807374



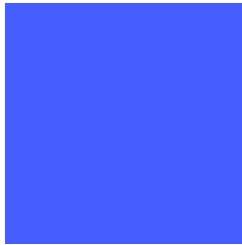
BF0019



400008

Previews

White Background



This preview shows how the Hex color 465EFF looks on a white background.

Color Contrast Check

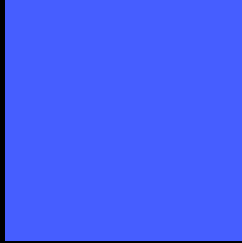
Large Text (above 18pt) WCAG AA ✓ Pass

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 465EFF 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 465EFF Background



This preview shows how black text looks on a background with the Hex color 465EFF.

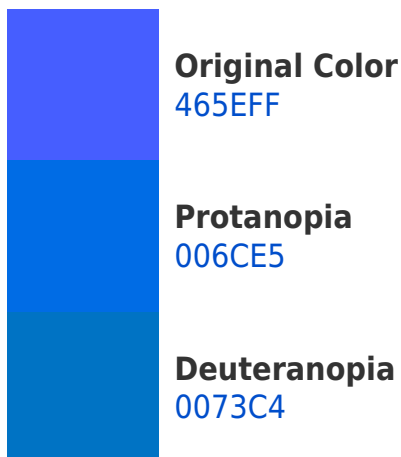


This preview shows how white text looks on a background with the Hex color 465EFF.

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](#).

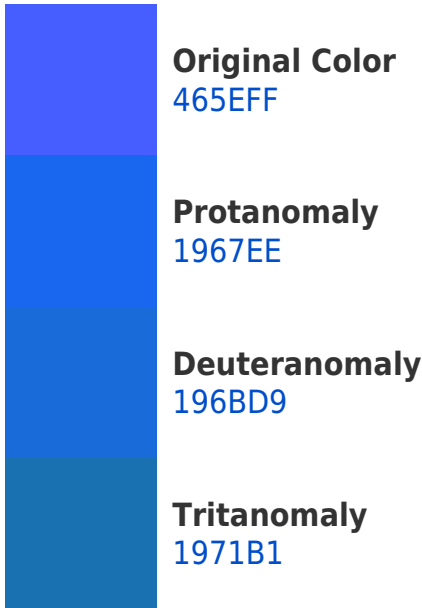
Dichromacy



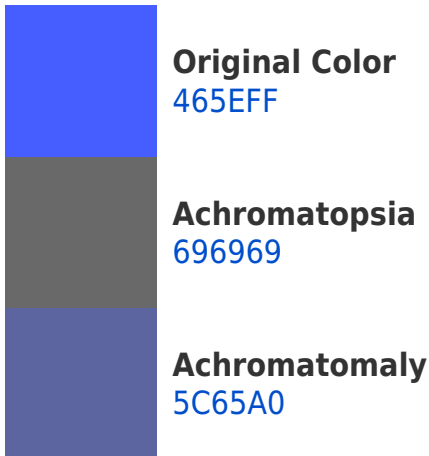


Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 465EFF 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 #465EFF looks like.

```
.text, #text, p{  
  color:#465EFF  
}
```

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 #465EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465EFF
}
```

Border

The CSS property to change the border of an element to Hex 465EFF 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
#465EFF }
```

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

```
.border{ border-color:#465EFF }
```

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

Here you see how a box with a 4 pixel #465EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465EFF; -webkit-box-shadow:4px 4px  
4px 4px #465EFF; box-shadow:4px 4px 4px  
4px #465EFF }
```

Background

The CSS property to change the background color of an element to Hex 465EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465EFF }
```

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

```
.background{ background-color:#465EFF }
```

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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