

Converting Colors

Hex(476BF4)

Have a look what the booklet for
Hex(476BF4) contains.

Hex(476BF4)	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(476BF4)

Conversions

Conversions Part 1

Format	Color
Hex	476BF4
RGB	71, 107, 244
RGB Percent	28%, 42%, 96%
CMY	0.7216, 0.5804, 0.0431
CMYK	0.71, 0.56, 0.00, 0.04
HSL	228°, 89%, 62%
HSV	228°, 71%, 96%
XYZ	24.1854, 18.3866, 87.8622
YIQ	111.8540, -65.4330, 34.9750

Conversions

Conversions Part 2

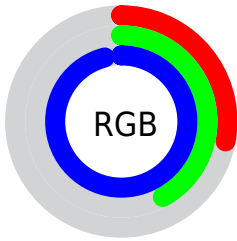
Format	Color
RYB	71, 101, 244
Decimal	4680692
CIELab	49.96, 32.52, -72.47
CIELCh	50, 79.435, 294.169
Yxy	18.3866, 0.1854, 0.1410
Android (android.graphics.Color)	4282870772 (0xFF476BF4)
YUV	111.8540, 65.1480, -35.8290
Hunter-Lab	42.8796, 25.6398, -91.4720

Details

The Hex color **476BF4** 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 **F4D047**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8B9EFF**, and **003DBB** is the 20% darker color. If you saturate the color by 10%, you get **2F58F4**, and if you desaturate by 10%, it is **5F7EF4**.

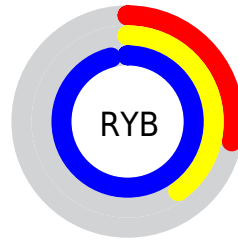
Distribution



Red (28%)

Green (42%)

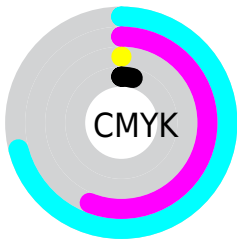
Blue (96%)



Red (28%)

Yellow (40%)

Blue (96%)

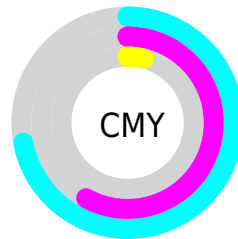


Cyan (71%)

Magenta (56%)

Yellow (0%)

Black (4%)



Cyan (72%)

Magenta (58%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476BF4 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 476BF4 by changing the saturation by 10% instead.

■ 476BF4

■ 476BF4

FFFFFF

■ 1153D7

■ 8B9EFF

■ 003DBB

■ AAB9FF

■ 00289F

■ C9D4FF

■ 001684

■ E8F1FF

■ 00006A

■ 000B51

■ 000539

■ 000222

■ 000008

 476BF4

 476BF4

 2F58F4

 5F7EF4

 1644F4

 7892F4

 0033F4

 90A5F4

 A9B8F4

 C1CCF4

 D9DFF4

 F2F2F4

 FFFFF4

Harmonies

Analogous

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



0084FF



476BF4



B943C7

Triad

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



476BF4



CC4F00



009267

Complementary

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



476BF4



F4D047

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.



008D1B



476BF4



9C7000

Square

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



476BF4



E71E45



5C8300



0093AD

Rectangle

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



476BF4



DB1E9D



5C8300



00914F

Sweetspot

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



476BF4



C9D5FF



47F4CF



606680



000000



808080

Same Dimension

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



476BF4



2653FF



7847F4



6E717A



0027BA



000C3B

Inverse Universe

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



F4476B



FF2653



C3F447



7A6E71



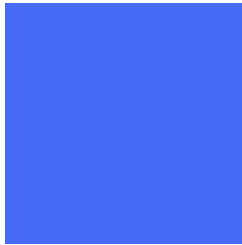
BA0027



3B000C

Previews

White Background



This preview shows how the Hex color 476BF4 looks on a white background.

Color Contrast Check

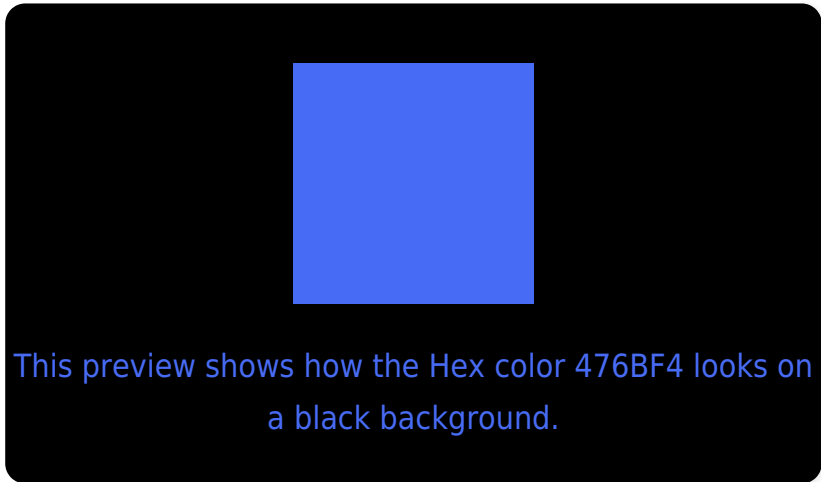
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 476BF4 Background



This preview shows how black text looks on a background with the Hex color 476BF4.

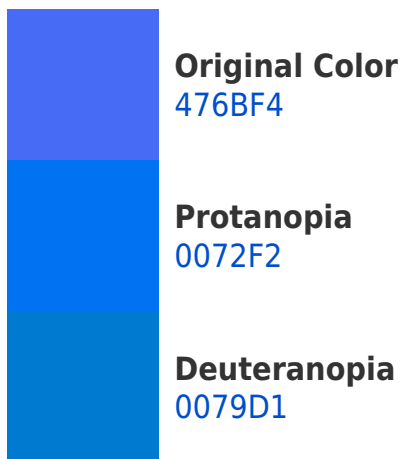


This preview shows how white text looks on a background with the Hex color 476BF4.

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](#).

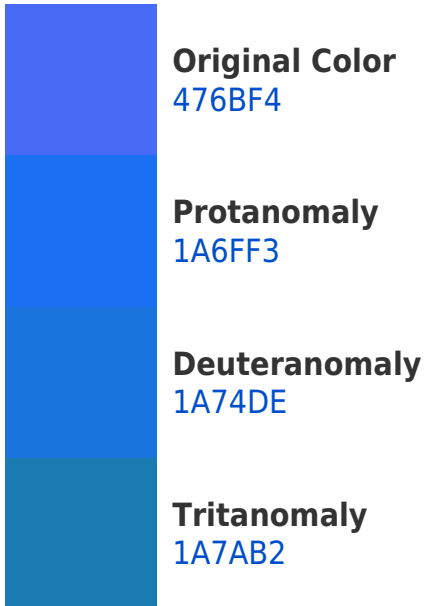
Dichromacy





Tritanopia
00838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 476BF4 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 #476BF4 looks like.

```
.text, #text, p{  
    color:#476BF4  
}
```

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 #476BF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476BF4
}
```

Border

The CSS property to change the border of an element to Hex 476BF4 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
#476BF4 }
```

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

```
.border{ border-color:#476BF4 }
```

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

Here you see how a box with a 4 pixel #476BF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476BF4; -webkit-box-shadow:4px 4px  
4px 4px #476BF4; box-shadow:4px 4px 4px  
4px #476BF4 }
```

Background

The CSS property to change the background color of an element to Hex 476BF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476BF4 }
```

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

```
.background{ background-color:#476BF4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor