

Converting Colors

Hex(476FBD)

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

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Color

Hex(476FBD)

Conversions

Conversions Part 1

Format	Color
Hex	476FBD
RGB	71, 111, 189
RGB Percent	28%, 44%, 74%
CMY	0.7216, 0.5647, 0.2588
CMYK	0.62, 0.41, 0.00, 0.26
HSL	220°, 47%, 51%
HSV	220°, 62%, 74%
XYZ	17.4683, 16.3826, 50.3856
YIQ	107.9320, -48.8780, 15.7780

Conversions

Conversions Part 2

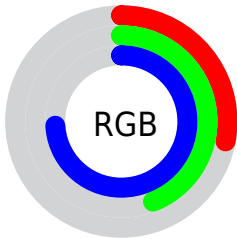
Format	Color
R_{YB}	71, 101, 189
Decimal	4681661
CIE _{Lab}	47.47, 10.69, -45.26
CIE _{LCh}	47, 46.505, 283.287
Yxy	16.3826, 0.2074, 0.1945
Android (android.graphics.Color)	4282871741 (0xFF476FBD)
YUV	107.9320, 39.9665, -32.3894
Hunter-Lab	40.4754, 6.2046, -45.4740

Details

The Hex color **476FBD** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BD9547**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **81A2F6**, and **004087** is the 20% darker color. If you saturate the color by 10%, you get **3463BD**, and if you desaturate by 10%, it is **5A7BBD**.

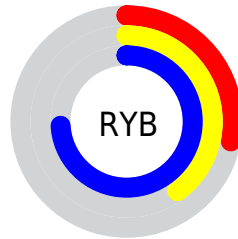
Distribution



Red (28%)

Green (44%)

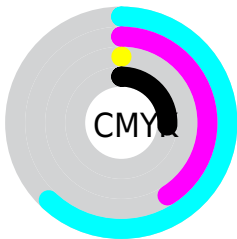
Blue (74%)



Red (28%)

Yellow (40%)

Blue (74%)

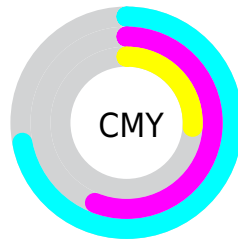


Cyan (62%)

Magenta (41%)

Yellow (0%)

Black (26%)



Cyan (72%)

Magenta (56%)

Yellow (26%)

Brightness & Saturation Gradients

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

■ 476FBD

■ 476FBD

FFFFFF

■ 2557A2

■ 81A2F6

■ 004087

■ 9EBDFF

■ 002B6D

■ BBD9FF

■ 001754

■ D8F5FF

■ 00063D

■ F6FFFF

■ 000326

■ 00010F

■ 000000

■ 476FBD

■ 476FBD

■ 3463BD

■ 5A7BBD

■ 2156BD

■ 6D88BD

■ 0E4ABD

■ 8094BD

■ 0040BD

■ 93A1BD

■ A6ADBBD

■ B8BABD

■ CBC6BD

■ DED3BD

■ F1DFBD

Harmonies

Analogous

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



007BBB



476FBD



895FAA

Triad

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



476FBD



B0573D



008259

Complementary

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



476FBD



BD9547

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.



497D34



476FBD



986722

Square

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



476FBD



B84D61



75741D



008481

Rectangle

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



476FBD



A45495



75741D



18814C

Sweetspot

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



476FBD



C6D6F5



47BD94



5E687A



FAFAFA



7A7A7A

Same Dimension

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



476FBD



3D7BF5



5947BD



55585E



00369E



000A1F

Inverse Universe

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



BD476F



F53D7B



ABB47



5E5558



9E0036



1F000A

Previews

White Background



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

Color Contrast Check

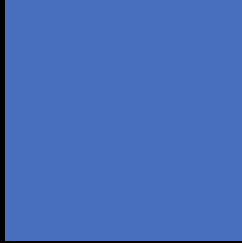
Large Text (above 18pt) WCAG AA ✓ Pass

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 476FBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

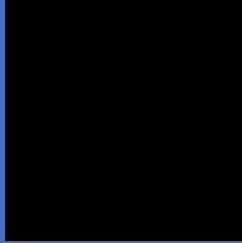
Any Text WCAG AA × Fail

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 476FBD Background



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

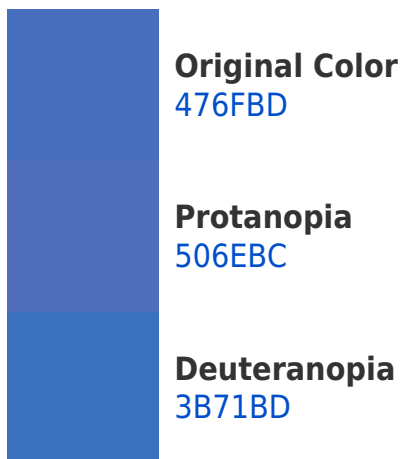


This preview shows how white text looks on a background with the Hex color 476FBD.

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](#).

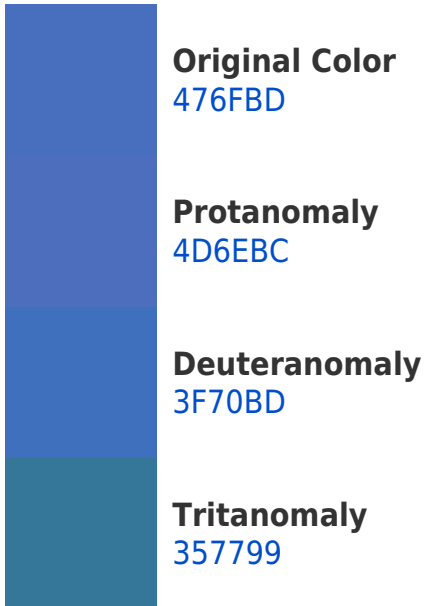
Dichromacy



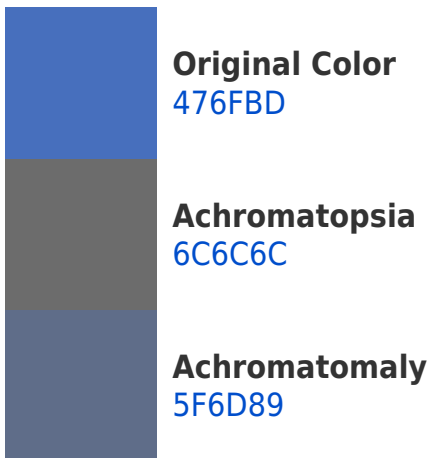


Tritanopia
2A7B85

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #476FBD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 476FBD 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".

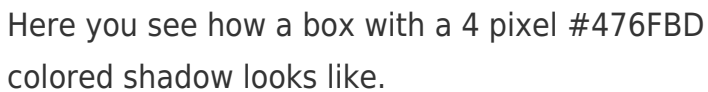
```
.border, #border, table{ border:4px solid
#476FBD }
```

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

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

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

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

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

Background

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

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

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

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

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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