

Converting Colors

Hex(476DA4)

Have a look what the booklet for
Hex(476DA4) contains.

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Color

Hex(476DA4)

Conversions

Conversions Part 1

Format	Color
Hex	476DA4
RGB	71, 109, 164
RGB Percent	28%, 43%, 64%
CMY	0.7216, 0.5725, 0.3569
CMYK	0.57, 0.34, 0.00, 0.36
HSL	215°, 40%, 46%
HSV	215°, 57%, 64%
XYZ	14.7680, 14.9572, 37.2306
YIQ	103.9080, -40.3030, 9.0490

Conversions

Conversions Part 2

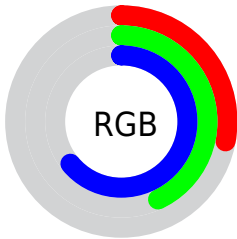
Format	Color
RYB	71, 98, 164
Decimal	4681124
CIELab	45.58, 3.39, -33.69
CIElCh	46, 33.860, 275.745
Yxy	14.9572, 0.2206, 0.2234
Android (android.graphics.Color)	4282871204 (0xFF476DA4)
YUV	103.9080, 29.6254, -28.8603
Hunter-Lab	38.6745, 0.4804, -30.0042

Details

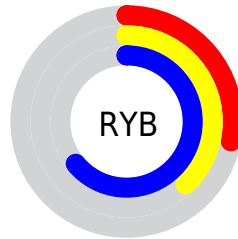
The Hex color **476DA4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A47E47**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7EA0DB**, and **003E70** is the 20% darker color. If you saturate the color by 10%, you get **3763A4**, and if you desaturate by 10%, it is **5777A4**.

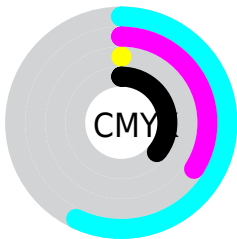
Distribution



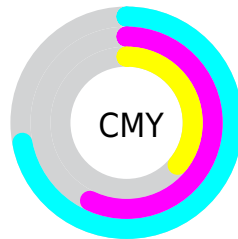
- Red (28%)
- Green (43%)
- Blue (64%)



- Red (28%)
- Yellow (38%)
- Blue (64%)



- Cyan (57%)
- Magenta (34%)
- Yellow (0%)
- Black (36%)



- Cyan (72%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476DA4 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 476DA4 by changing the saturation by 10% instead.

■ 476DA4

■ 476DA4

FFFFFF

■ 2A5589

■ 7EA0DB

■ 003E70

■ 9ABBF8

■ 002957

■ B6D7FF

■ 00143F

■ D2F3FF

■ 000329

■ F0FFFF

■ 000113

■ 000000

■ 476DA4

■ 476DA4

■ 3763A4

■ 5777A4

■ 265AA4

■ 6880A4

■ 1650A4

■ 788AA4

■ 0546A4

■ 8994A4

■ 0043A4

■ 999DA4

■ A9A7A4

■ BAB1A4

■ CABBA4

■ DBC4A4

Harmonies

Analogous

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



00759F



476DA4



76629A

Triad

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



476DA4



9F594C



347954

Complementary

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



476DA4



A47E47

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.



5A743C



476DA4



906238

Square

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



476DA4



A15467



786C32



007A71

Rectangle

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



476DA4



8B5B8C



786C32



42774B

Sweetspot

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



476DA4



B2C1D6



47A47D



565E6B



EBEBEB



6B6B6B

Same Dimension

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



476DA4



4580D6



4F47A4



494D52



003B91



000712

Inverse Universe

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



A4476D



D64580



9CA447



52494D



91003B



120007

Previews

White Background



This preview shows how the Hex color 476DA4 looks on a white background.

Color Contrast Check

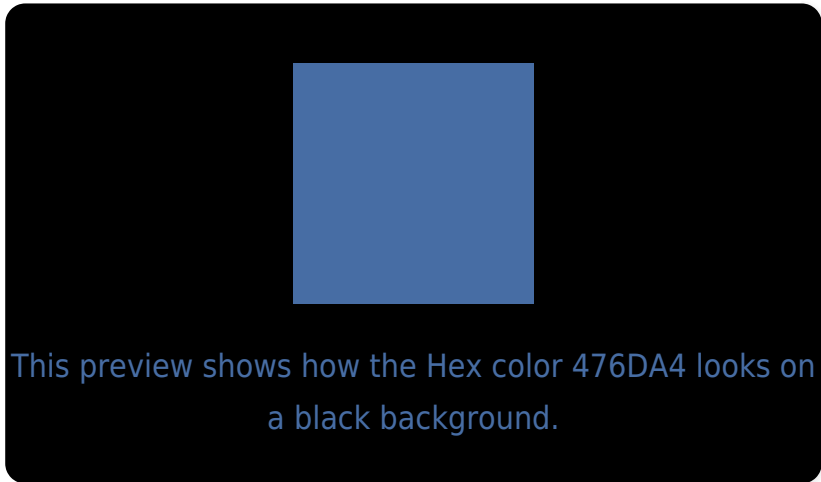
Large Text (above 18pt) WCAG AA ✓ Pass

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 476DA4 Background



This preview shows how black text looks on a background with the Hex color 476DA4.

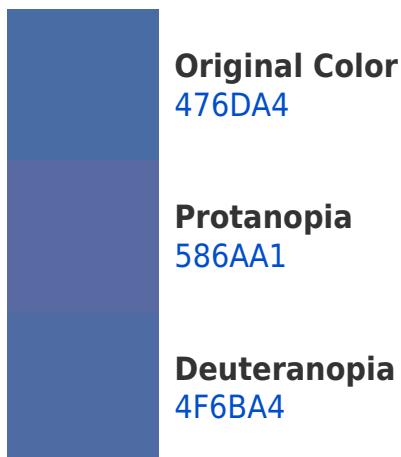


This preview shows how white text looks on a background with the Hex color 476DA4.

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](#).

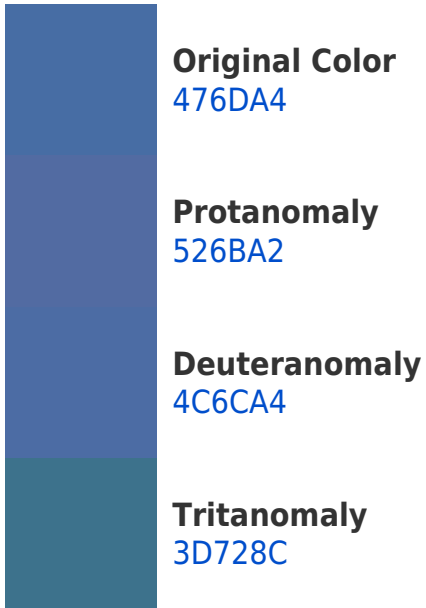
Dichromacy



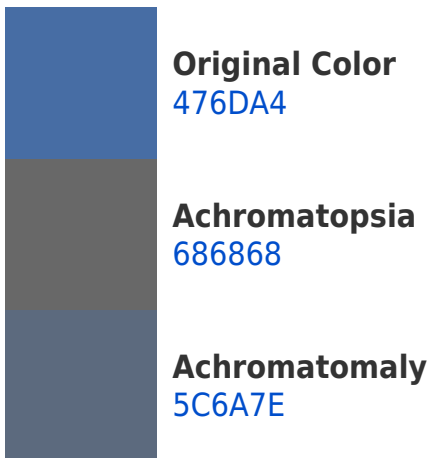


Tritanopia
38757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 476DA4 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 #476DA4 looks like.

```
.text, #text, p{  
    color:#476DA4  
}
```

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 #476DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476DA4
}
```

Border

The CSS property to change the border of an element to Hex 476DA4 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
#476DA4 }
```

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

```
.border{ border-color:#476DA4 }
```

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

Here you see how a box with a 4 pixel #476DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476DA4; -webkit-box-shadow:4px 4px  
4px 4px #476DA4; box-shadow:4px 4px 4px  
4px #476DA4 }
```

Background

The CSS property to change the background color of an element to Hex 476DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476DA4 }
```

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

```
.background{ background-color:#476DA4 }
```

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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