

Converting Colors

Hex(0476D8)

Have a look what the booklet for
Hex(0476D8) contains.

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Color

Hex(0476D8)

Conversions

Conversions Part 1

Format	Color
Hex	0476D8
RGB	4, 118, 216
RGB Percent	2%, 46%, 85%
CMY	0.9843, 0.5373, 0.1529
CMYK	0.98, 0.45, 0.00, 0.15
HSL	208°, 96%, 43%
HSV	208°, 98%, 85%
XYZ	18.9232, 17.9405, 67.4313
YIQ	95.0860, -99.4020, 6.3100

Conversions

Conversions Part 2

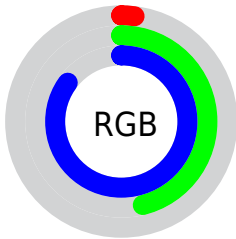
Format	Color
RYB	4, 78, 216
Decimal	292568
CIELab	49.42, 9.96, -57.68
CIELCh	49, 58.530, 279.797
Yxy	17.9405, 0.1814, 0.1720
Android (android.graphics.Color)	4278482648 (0xFF0476D8)
YUV	95.0860, 59.6106, -79.8824
Hunter-Lab	42.3563, 5.6235, -64.7404

Details

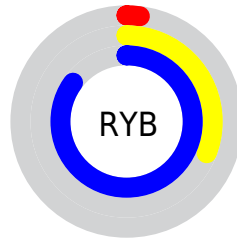
The Hex color **0476D8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D86604**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **67A9FF**, and **0047A0** is the 20% darker color. If you saturate the color by 10%, you get **0074D8**, and if you desaturate by 10%, it is **1A80D8**.

Distribution



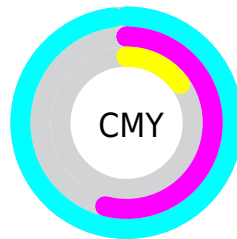
- Red (2%)
- Green (46%)
- Blue (85%)



- Red (2%)
- Yellow (31%)
- Blue (85%)



- Cyan (98%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (98%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0476D8 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 0476D8 by changing the saturation by 10% instead.

0476D8

0476D8

FFFFFF

005EBC

67A9FF

0047A0

87C5FF

003186

A6E0FF

001E6C

C5FDFF

000553

E4FFFF

00063B

000224

00000C

000000

■ 0476D8

■ 0476D8

■ 0074D8

■ 1A80D8

■ 2F8AD8

■ 4594D8

■ 5A9ED8

■ 70A8D8

■ 86B2D8

■ 9BBCD8

■ B1C6D8

■ C6D0D8

Harmonies

Analogous

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



0084D3



0476D8



8C61C2

Triad

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



0476D8



C55138



008A51

Complementary

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



0476D8



D86604

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.



478420



0476D8



A8670A

Square

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



0476D8



CE4267



7E7800



008C85

Rectangle

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



0476D8



B051A8



7E7800



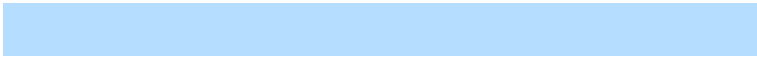
008940

Sweetspot

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



0476D8



B5DDFF



04D863



536B80



000000



808080

Same Dimension

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



0476D8



0089FF



040FD8



60666B



005CAB



00172B

Inverse Universe

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



D80476



FF0089



D8CD04



6B6066



AB005C



2B0017

Previews

White Background



This preview shows how the Hex color 0476D8 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 0476D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

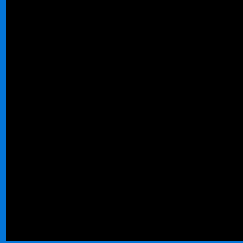
Any Text WCAG AA ✓ Pass

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 0476D8 Background



This preview shows how black text looks on a background with the Hex color 0476D8.

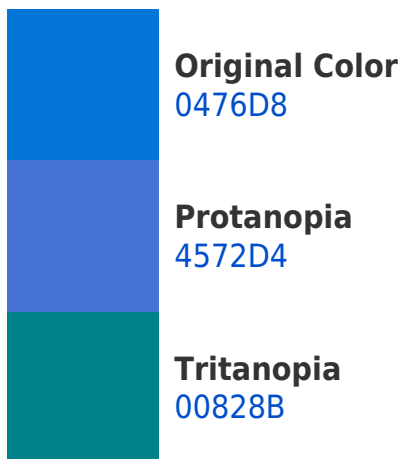


This preview shows how white text looks on a background with the Hex color 0476D8.

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



Trichromacy



Original Color
0476D8

Protanomaly
2D73D5

Tritanomaly
017EA7

Monochromacy



Original Color
0476D8

Achromatopsia
5F5F5F

Achromatomaly
3E678B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0476D8 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 #0476D8 looks like.

```
.text, #text, p{  
    color:#0476D8  
}
```

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 #0476D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0476D8
}
```

Border

The CSS property to change the border of an element to Hex 0476D8 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
#0476D8 }
```

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

```
.border{ border-color:#0476D8 }
```

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

Here you see how a box with a 4 pixel #0476D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0476D8; -webkit-box-shadow:4px 4px  
4px 4px #0476D8; box-shadow:4px 4px 4px  
4px #0476D8 }
```

Background

The CSS property to change the background color of an element to Hex 0476D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0476D8 }
```

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

```
.background{ background-color:#0476D8 }
```

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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