

# Converting Colors

Hex(4476C6)

Have a look what the booklet for  
Hex(4476C6) contains.

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# Color

Hex(4476C6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4476C6
RGB	68, 118, 198
RGB Percent	27%, 46%, 78%
CMY	0.7333, 0.5373, 0.2235
CMYK	0.66, 0.40, 0.00, 0.22
HSL	217°, 53%, 52%
HSV	217°, 66%, 78%
XYZ	19.0554, 18.2630, 55.9469
YIQ	112.1700, -55.4800, 14.2800

# Conversions

## Conversions Part 2

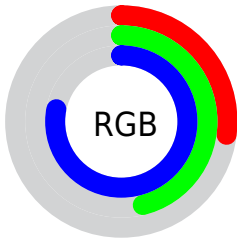
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 104, 198
Decimal	4486854
CIELab	49.81, 8.96, -46.72
CIELCh	50, 47.569, 280.854
Yxy	18.2630, 0.2043, 0.1958
Android (android.graphics.Color)	4282676934 (0xFF4476C6)
YUV	112.1700, 42.3142, -38.7371
Hunter-Lab	42.7353, 4.8053, -47.7048

# Details

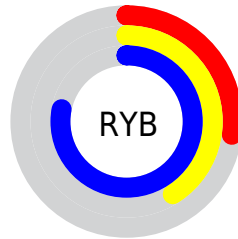
The Hex color `4476C6` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark muted azure. A complement of this color would be `C69444`, and the grayscale version is `707070`.

A 20% lighter version of the original color is `80AAFF`, and `004690` is the 20% darker color. If you saturate the color by 10%, you get `306AC6`, and if you desaturate by 10%, it is `5882C6`.

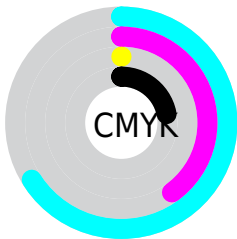
# Distribution



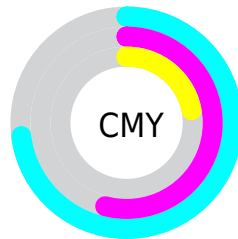
- Red (27%)
- Green (46%)
- Blue (78%)



- Red (27%)
- Yellow (41%)
- Blue (78%)



- Cyan (66%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (73%)
- Magenta (54%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4476C6 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 4476C6 by changing the saturation by 10% instead.



■ 4476C6

■ 4476C6

FFFFFF

■ 1F5EAA

■ 80AAFF

■ 004690

■ 9DC5FF

■ 003175

■ BBE1FF

■ 001D5C

■ D8FDFF

■ 000144

■ F6FFFF

■ 00032D

■ 000117

■ 000000

■ 4476C6

■ 4476C6

■ 306AC6

■ 5882C6

■ 1C5EC6

■ 6C8EC6

■ 0951C6

■ 7F9BC6

■ 004CC6

■ 93A7C6

■ A7B3C6

■ BBBFC6

■ CFCBC6

■ E2D7C6

■ F6E4C6

# Harmonies

## Analogous

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



0082C3



4476C6



8C66B4

# Triad

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



4476C6



B95B43



00885A

# Complementary

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



4476C6



C69444

# 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.



528336



4476C6



A16B27

# Square

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



4476C6



C15169



7E7920



008A84

# Rectangle

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



4476C6



A85B9F



7E7920



26874D



# Sweetspot

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



4476C6



CCE0FF



44C692



616D80



000000



808080



# Same Dimension

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



4476C6



3683FF



5144C6



5A5D63



003FA3



000E24



# Inverse Universe

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



C64476



FF3683



B9C644



635A5D



A3003F



24000E



# Previews

## White Background



This preview shows how the Hex color 4476C6 looks on a white background.

## Color Contrast Check

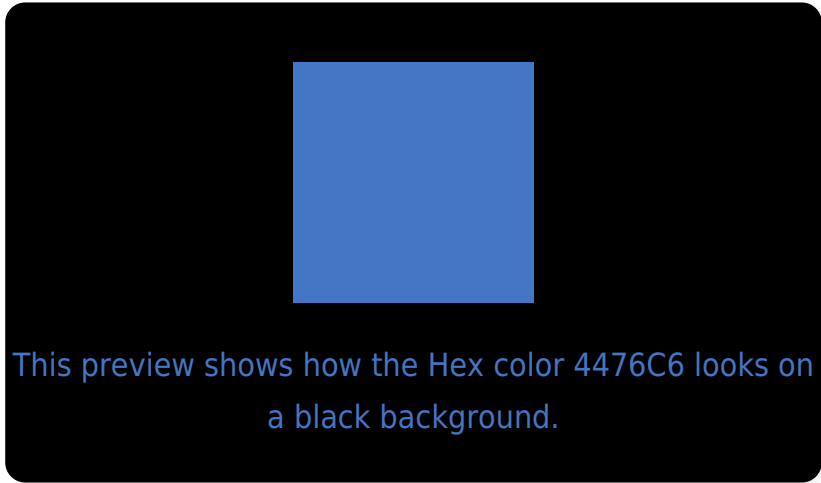
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

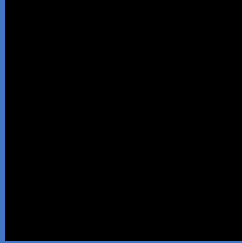
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

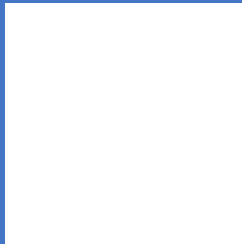
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4476C6 Background



This preview shows how black text looks on a background with the Hex color 4476C6.



This preview shows how white text looks on a background with the Hex color 4476C6.

# 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](#).

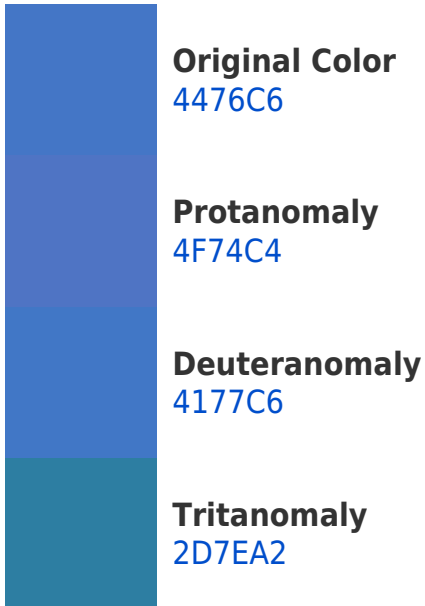
## Dichromacy



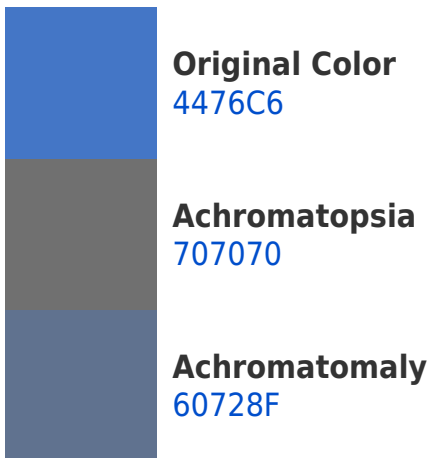


**Tritanopia**  
20828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4476C6 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 #4476C6 looks like.

```
.text, #text, p{  
    color:#4476C6  
}
```

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 #4476C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4476C6
}
```

## Border

The CSS property to change the border of an element to Hex 4476C6 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
#4476C6 }
```

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

```
.border{ border-color:#4476C6 }
```

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

Here you see how a box with a 4 pixel #4476C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4476C6; -webkit-box-shadow:4px 4px  
4px 4px #4476C6; box-shadow:4px 4px 4px  
4px #4476C6 }
```

# Background

The CSS property to change the background color of an element to Hex 4476C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4476C6 }
```

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

```
.background{ background-color:#4476C6 }
```

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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