

# Converting Colors

Hex(7480C4)

Have a look what the booklet for  
Hex(7480C4) contains.

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# **Color**

**Hex(7480C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7480C4
RGB	116, 128, 196
RGB Percent	45%, 50%, 77%
CMY	0.5451, 0.4980, 0.2314
CMYK	0.41, 0.35, 0.00, 0.23
HSL	231°, 40%, 61%
HSV	231°, 41%, 77%
XYZ	24.8854, 23.1369, 55.3788
YIQ	132.1640, -28.9800, 18.6040

# Conversions

## Conversions Part 2

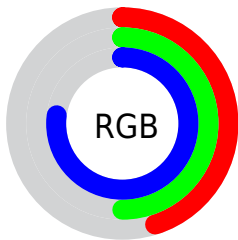
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 126, 196
Decimal	7635140
CIE <sub>Lab</sub>	55.21, 12.92, -36.86
CIE <sub>LCh</sub>	55, 39.062, 289.309
Yxy	23.1369, 0.2407, 0.2238
Android (android.graphics.Color)	4285825220 (0xFF7480C4)
YUV	132.1640, 31.4711, -14.1758
Hunter-Lab	48.1008, 8.1724, -34.5905

# Details

The Hex color **7480C4** is a light color, and the websafe version is hex **666699**. A complement of this color would be **C4B874**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **ABB5FD**, and **3F4F8E** is the 20% darker color. If you saturate the color by 10%, you get **606FC4**, and if you desaturate by 10%, it is **8891C4**.

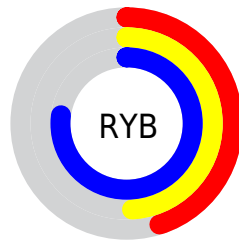
# Distribution



Red (45%)

Green (50%)

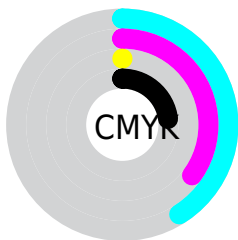
Blue (77%)



Red (45%)

Yellow (49%)

Blue (77%)

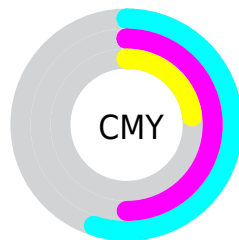


Cyan (41%)

Magenta (35%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (50%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7480C4 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 7480C4 by changing the saturation by 10% instead.



■ 7480C4

■ 7480C4

FFFFFF

■ 5967A9

■ ABB5FD

■ 3F4F8E

■ C7D0FF

■ 223974

■ E4ECFF

■ 00235B

■ 000F43

■ 00032C

■ 000117

■ 000000

■ 7480C4

■ 7480C4

606FC4

8891C4

4D5FC4

9BA1C4

394EC4

AFB2C4

263DC4

C2C3C4

122DC4

D6D3C4

001DC4

EAE4C4

FDF5C4

FFFFC4

# Harmonies

## Analogous

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



2A8BC6



7480C4



A273B1

# Triad

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



7480C4



BB7252



239577

# Complementary

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



7480C4



C4B874

# 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.



5C9157



7480C4



A37E41

# Square

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



7480C4



C56970



838942



009699

# Rectangle

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



7480C4



B66C9D



838942



3B946B



# Sweetspot

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



7480C4



E0E5FF



74C4B8



6E7080



000000



808080



# Same Dimension

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



7480C4



8295FF



9074C4



575961



0018A1



000521



# Inverse Universe

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



C47480



FF8295



A8C474



615759



A10018

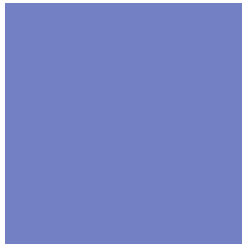


210005



# Previews

## White Background



This preview shows how the Hex color 7480C4 looks on a white background.

## Color Contrast Check

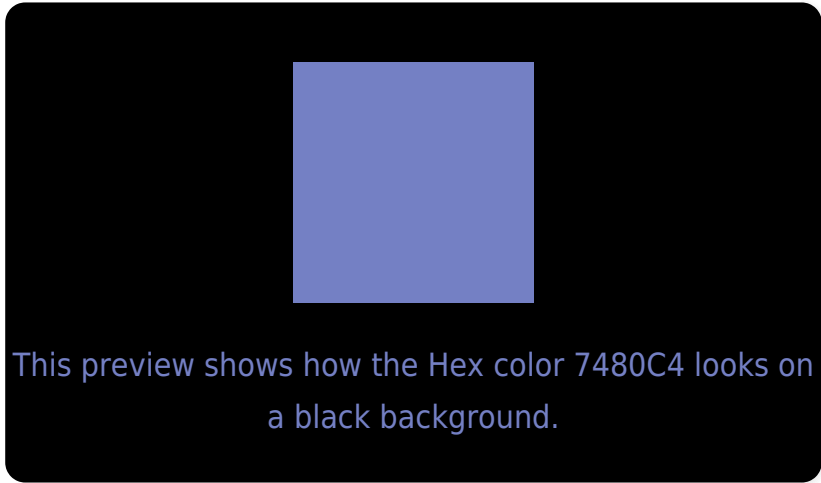
Large Text (above 18pt) WCAG AA ✓ Pass

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 7480C4 Background



This preview shows how black text looks on a background with the Hex color 7480C4.



This preview shows how white text looks on a background with the Hex color 7480C4.

# 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



**Original Color**  
7480C4

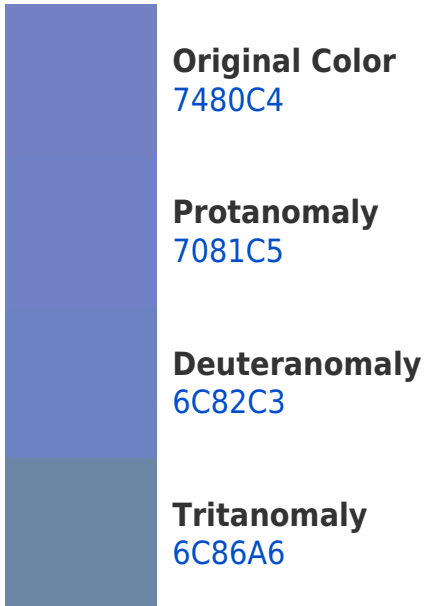
**Protanopia**  
6D82C5

**Deuteranopia**  
6883C3



**Tritanopia**  
688A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7480C4 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 #7480C4 looks like.

```
.text, #text, p{  
    color:#7480C4  
}
```

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 #7480C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7480C4
}
```

## Border

The CSS property to change the border of an element to Hex 7480C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

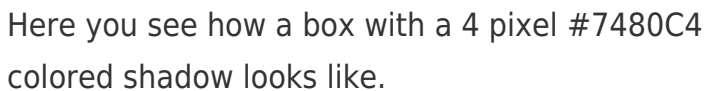
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7480C4 }
```

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

```
.border{ border-color:#7480C4 }
```

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



Here you see how a box with a 4 pixel #7480C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7480C4; -webkit-box-shadow:4px 4px  
4px 4px #7480C4; box-shadow:4px 4px 4px  
4px #7480C4 }
```

# Background

The CSS property to change the background color of an element to Hex 7480C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7480C4 }
```

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

```
.background{ background-color:#7480C4 }
```

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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