

Converting Colors

Hex(7474C4)

Have a look what the booklet for
Hex(7474C4) contains.

Hex(7474C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7474C4)

Conversions

Conversions Part 1

Format	Color
Hex	7474C4
RGB	116, 116, 196
RGB Percent	45%, 45%, 77%
CMY	0.5451, 0.5451, 0.2314
CMYK	0.41, 0.41, 0.00, 0.23
HSL	240°, 40%, 61%
HSV	240°, 41%, 77%
XYZ	23.4117, 20.1893, 54.8876
YIQ	125.1200, -25.6800, 24.8800

Conversions

Conversions Part 2

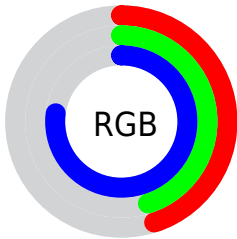
Format	Color
RYB	116, 116, 196
Decimal	7632068
CIELab	52.05, 20.10, -41.84
CIELCh	52, 46.423, 295.662
Yxy	20.1893, 0.2377, 0.2050
Android (android.graphics.Color)	4285822148 (0xFF7474C4)
YUV	125.1200, 34.9438, -7.9982
Hunter-Lab	44.9325, 14.3738, -40.9733

Details

The Hex color **7474C4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C4C474**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **ABA8FD**, and **3E448E** is the 20% darker color. If you saturate the color by 10%, you get **6060C4**, and if you desaturate by 10%, it is **8888C4**.

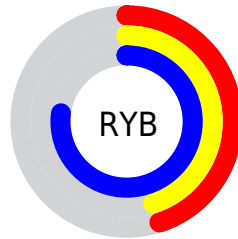
Distribution



Red (45%)

Green (45%)

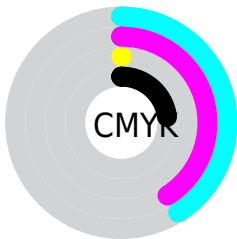
Blue (77%)



Red (45%)

Yellow (45%)

Blue (77%)

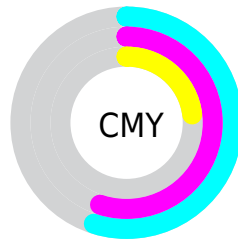


Cyan (41%)

Magenta (41%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (55%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7474C4 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 7474C4 by changing the saturation by 10% instead.

■ 7474C4

■ 7474C4

FFFFFF

■ 595BA8

■ ABA8FD

■ 3E448E

■ C7C3FF

■ 212E74

■ E4DFFF

■ 00195B

■ FFFCFF

■ 000043

■ 00032C

■ 000116

■ 000000

■ 7474C4

■ 7474C4

6060C4

8888C4

4D4DC4

9B9BC4

3939C4

AFAFC4

2626C4

C2C2C4

1212C4

D6D6C4

0000C4

EAEAC4

FD FDC4

FF FFC4

Harmonies

Analogous

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



0082CB



7474C4



A764AA

Triad

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



7474C4



B5693B



008F75

Complementary

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



7474C4



C4C474

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.



3D8C4D



7474C4



977828

Square

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



7474C4



C45C5C



708430



008F9D

Rectangle

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



7474C4



BB5B91



708430



008E67

Sweetspot

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



7474C4



E0E0FF



74C4C4



6E6E80



000000



808080

Same Dimension

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



7474C4



8282FF



9C74C4



575761



0000A1



000021

Inverse Universe

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



C474C4



FF82FF



9CC474



615761



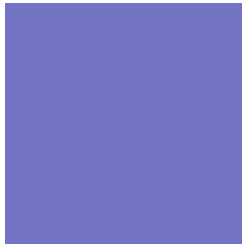
A100A1



210021

Previews

White Background



This preview shows how the Hex color 7474C4 looks on a white background.

Color Contrast Check

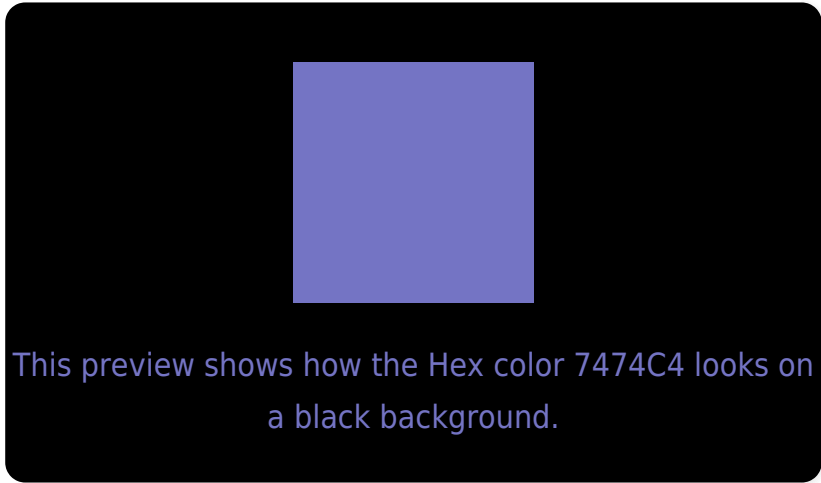
Large Text (above 18pt) WCAG AA ✓ Pass

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 7474C4 Background



This preview shows how black text looks on a background with the Hex color 7474C4.

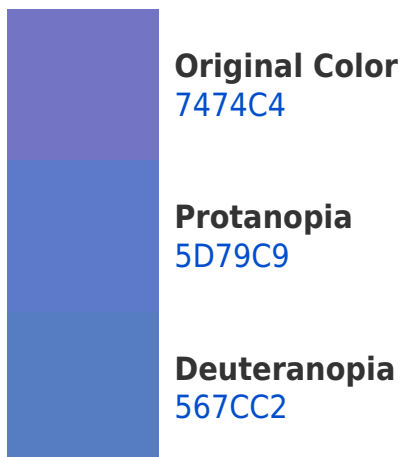


This preview shows how white text looks on a background with the Hex color 7474C4.

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](#).

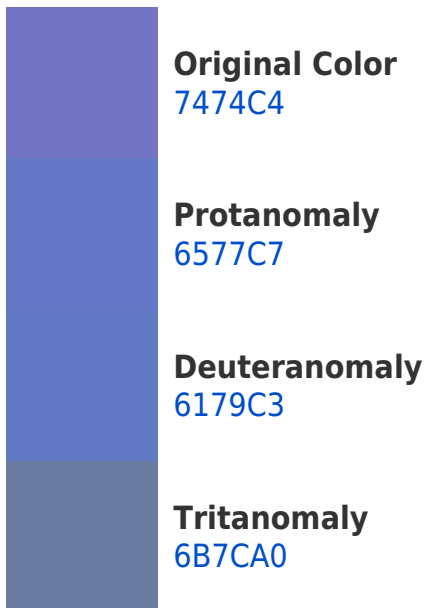
Dichromacy



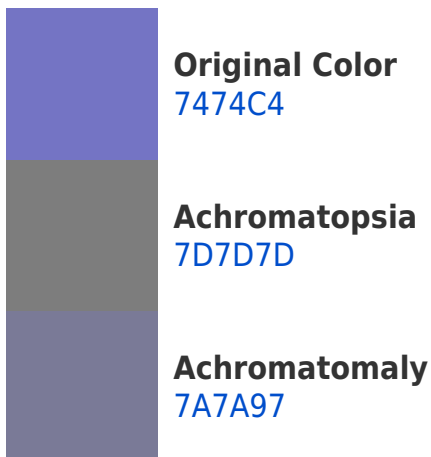


Tritanopia
66808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7474C4 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 #7474C4 looks like.

```
.text, #text, p{  
    color:#7474C4  
}
```

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 #7474C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7474C4
}
```

Border

The CSS property to change the border of an element to Hex 7474C4 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
#7474C4 }
```

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

```
.border{ border-color:#7474C4 }
```

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

Here you see how a box with a 4 pixel #7474C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7474C4; -webkit-box-shadow:4px 4px  
4px 4px #7474C4; box-shadow:4px 4px 4px  
4px #7474C4 }
```

Background

The CSS property to change the background color of an element to Hex 7474C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7474C4 }
```

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

```
.background{ background-color:#7474C4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor