

# Converting Colors

Hex(7C74AC)

Have a look what the booklet for  
Hex(7C74AC) contains.

<b>Hex(7C74AC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7C74AC)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C74AC
RGB	124, 116, 172
RGB Percent	49%, 45%, 67%
CMY	0.5137, 0.5451, 0.3255
CMYK	0.28, 0.33, 0.00, 0.33
HSL	249°, 25%, 56%
HSV	249°, 33%, 67%
XYZ	22.0040, 19.7544, 41.6830
YIQ	124.7760, -13.2080, 19.1120

# Conversions

## Conversions Part 2

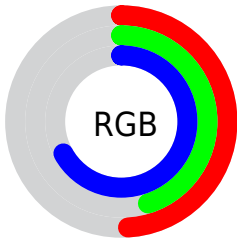
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 116, 172
Decimal	8156332
CIELab	51.56, 15.81, -28.74
CIELCh	52, 32.804, 298.820
Yxy	19.7544, 0.2637, 0.2367
Android (android.graphics.Color)	4286346412 (0xFF7C74AC)
YUV	124.7760, 23.2814, -0.6806
Hunter-Lab	44.4460, 10.5900, -24.4921

# Details

The Hex color **7C74AC** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A4AC74**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B2A8E4**, and **494477** is the 20% darker color. If you saturate the color by 10%, you get **6D63AC**, and if you desaturate by 10%, it is **8B85AC**.

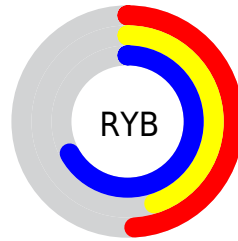
# Distribution



Red (49%)

Green (45%)

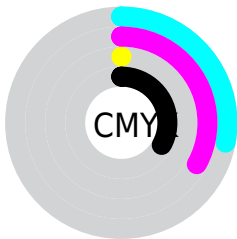
Blue (67%)



Red (49%)

Yellow (45%)

Blue (67%)

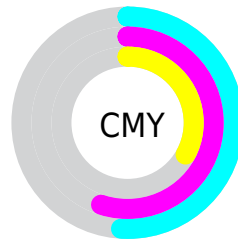


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (55%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C74AC 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 7C74AC by changing the saturation by 10% instead.



■ 7C74AC

■ 7C74AC

FFFFFF

■ 625B91

■ B2A8E4

■ 494477

■ CEC3FF

■ 312E5E

■ EADFFF

■ 181946

■ FFFCFF

■ 040030

■ 00011A

■ 000000

■ 7C74AC

■ 7C74AC

■ 6D63AC

■ 8B85AC

5F52AC

9996AC

5040AC

A8A8AC

412FAC

B7B9AC

321EAC

C6CAAC

240DAC

D4DBAC

1900AC

E3ECAC

F2FEAC

FFFFAC

# Harmonies

## Analogous

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



4D7EB3



7C74AC



9D6A98

# Triad

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



7C74AC



A46F4C



228A79

# Complementary

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



7C74AC



A4AC74

# 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.



4F875D



7C74AC



8E7942

# Square

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



7C74AC



B06761



718149



008995

# Rectangle

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



7C74AC



AA6687



718149



34896F



# Sweetspot

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



7C74AC



CDCAE0



74A5AC



656370



F0F0F0



707070



# Same Dimension

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



7C74AC



9589E0



9774AC



4F4E57



150096



030017



# Inverse Universe

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



AC74A4



E089D4



89AC74



574E55



960081



170014



# Previews

## White Background



This preview shows how the Hex color 7C74AC looks on a white background.

## Color Contrast Check

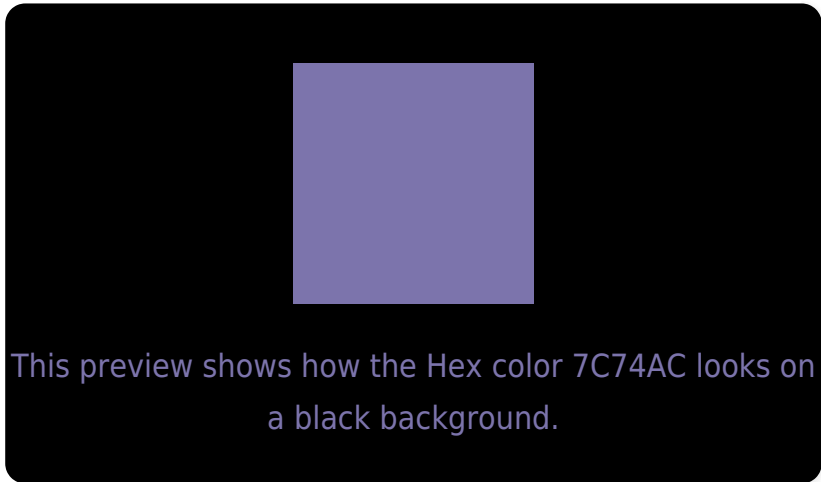
Large Text (above 18pt) WCAG AA ✓ Pass

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

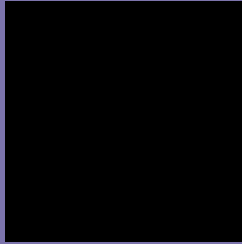
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C74AC Background



This preview shows how black text looks on a background with the Hex color 7C74AC.

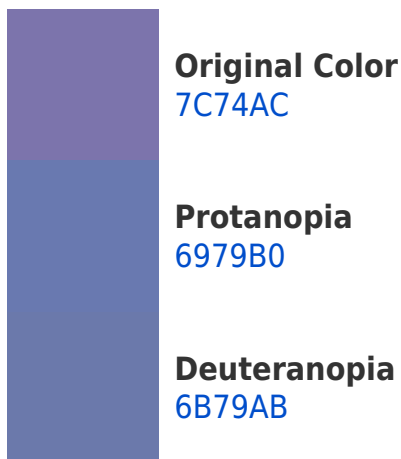


This preview shows how white text looks on a background with the Hex color 7C74AC.

# 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](#).

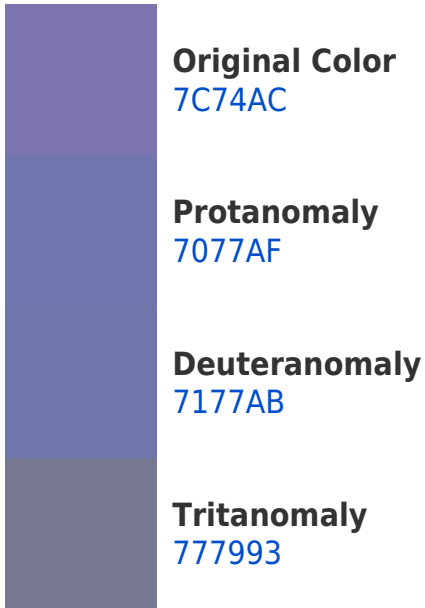
## Dichromacy



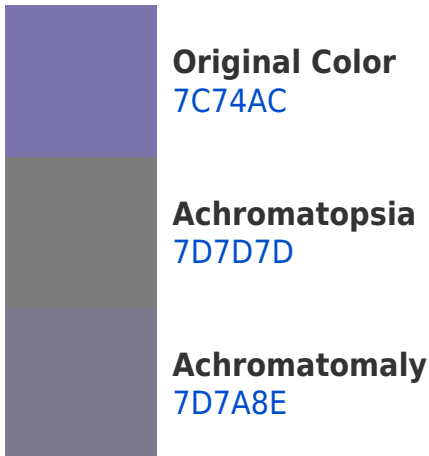


**Tritanopia**  
747C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C74AC 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 #7C74AC looks like.

```
.text, #text, p{  
    color:#7C74AC  
}
```

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 #7C74AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C74AC
}
```

## Border

The CSS property to change the border of an element to Hex 7C74AC 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
#7C74AC }
```

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

```
.border{ border-color:#7C74AC }
```

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

Here you see how a box with a 4 pixel #7C74AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C74AC; -webkit-box-shadow:4px 4px  
4px 4px #7C74AC; box-shadow:4px 4px 4px  
4px #7C74AC }
```

# Background

The CSS property to change the background color of an element to Hex 7C74AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C74AC }
```

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

```
.background{ background-color:#7C74AC }
```

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