

# Converting Colors

Hex(7A4CA4)

Have a look what the booklet for  
Hex(7A4CA4) contains.

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# Color

**Hex(7A4CA4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A4CA4
RGB	122, 76, 164
RGB Percent	48%, 30%, 64%
CMY	0.5216, 0.7020, 0.3569
CMYK	0.26, 0.54, 0.00, 0.36
HSL	271°, 37%, 47%
HSV	271°, 54%, 64%
XYZ	17.3113, 11.9868, 36.5232
YIQ	99.7860, -0.8320, 37.1200

# Conversions

## Conversions Part 2

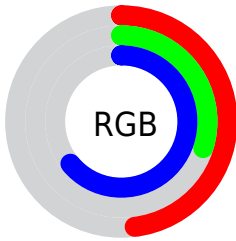
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	122, 76, 164
Decimal	8015012
CIE Lab	41.20, 36.89, -40.35
CIE LCh	41, 54.673, 312.436
Yxy	11.9868, 0.2630, 0.1821
Android (android.graphics.Color)	4286205092 (0xFF7A4CA4)
YUV	99.7860, 31.6575, 19.4817
Hunter-Lab	34.6219, 28.6634, -38.3106

# Details

The Hex color **7A4CA4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **76A44C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B17EDB**, and **461C70** is the 20% darker color. If you saturate the color by 10%, you get **723CA4**, and if you desaturate by 10%, it is **825CA4**.

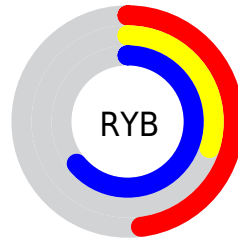
# Distribution



Red (48%)

Green (30%)

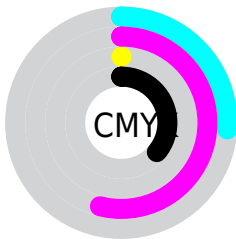
Blue (64%)



Red (48%)

Yellow (30%)

Blue (64%)

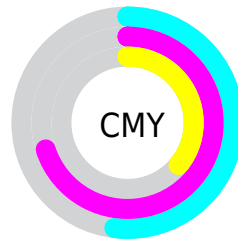


Cyan (26%)

Magenta (54%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (70%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A4CA4 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 7A4CA4 by changing the saturation by 10% instead.



7A4CA4

7A4CA4

FFFFFF

603489

B17EDB

461C70

CD99F8

2C0357

EAB4FF

17003F

FFD0FF

000328

FFECFF

000112

000000

7A4CA4

7A4CA4

723CA4

825CA4

6A2BA4

8A6DA4

631BA4

917DA4

5B0AA4

998EA4

5600A4

A19EA4

A9AEA4

B1BFA4

B9CFA4

C0E0A4

# Harmonies

## Analogous

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



0760BA



7A4CA4



A3367D

# Triad

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



7A4CA4



8B5500



007573

# Complementary

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



7A4CA4



76A44C

# 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.



007444



7A4CA4



646500

# Square

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



7A4CA4



A64126



306F16



00749D

# Rectangle

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



7A4CA4



AF2F5F



306F16



007564



# Sweetspot

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



7A4CA4



C6B4D6



4C77A4



61576B



EBEBEB



6B6B6B



# Same Dimension

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



7A4CA4



954DD6



A44CA3



4E4952



4C0091



090012



# Inverse Universe

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



A44C76



D64D8F



4CA44D



52494D



910045

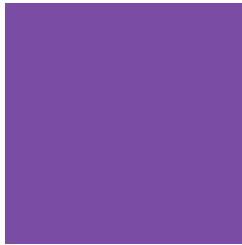


120009



# Previews

## White Background



This preview shows how the Hex color 7A4CA4 looks on a white background.

## Color Contrast Check

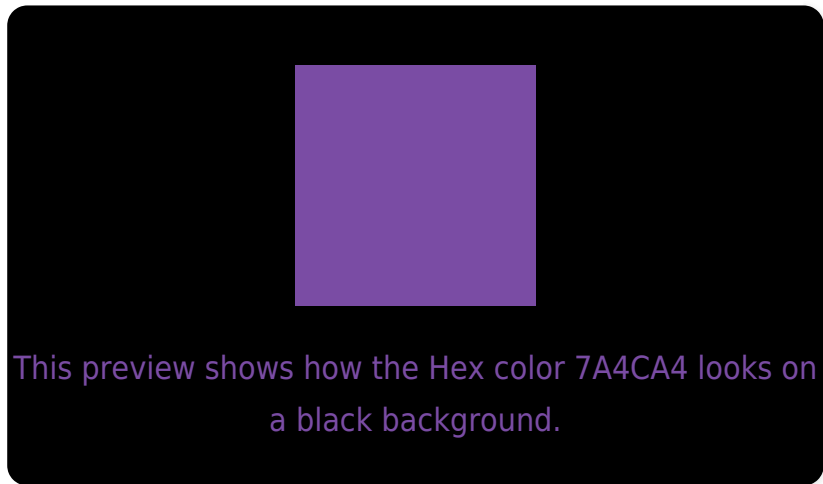
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

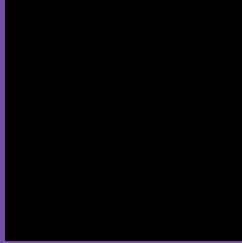
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A4CA4 Background



This preview shows how black text looks on a background with the Hex color 7A4CA4.

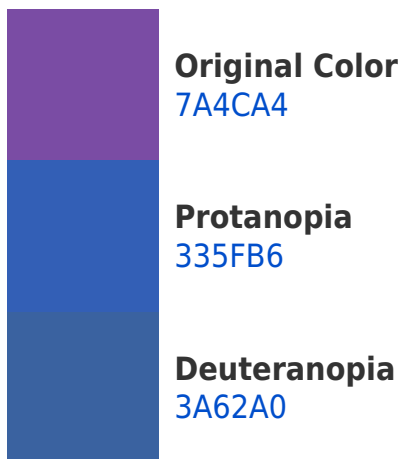


This preview shows how white text looks on a background with the Hex color 7A4CA4.

# 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](#).

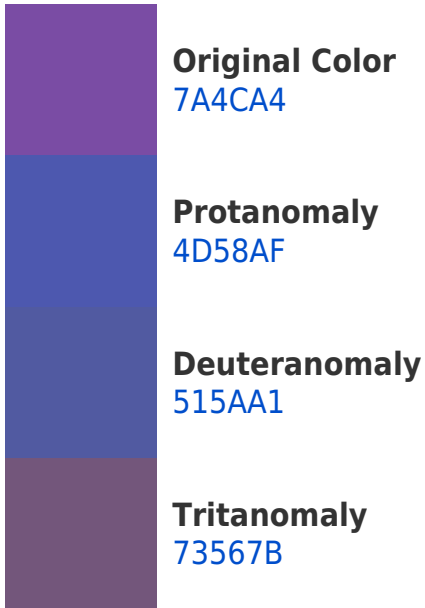
## Dichromacy





**Tritanopia**  
6F5C64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A4CA4 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 #7A4CA4 looks like.

```
.text, #text, p{  
    color:#7A4CA4  
}
```

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 #7A4CA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A4CA4
}
```

## Border

The CSS property to change the border of an element to Hex 7A4CA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

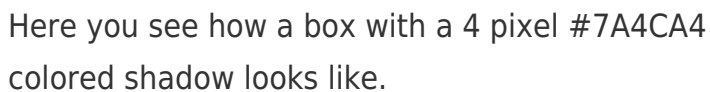
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A4CA4 }
```

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

```
.border{ border-color:#7A4CA4 }
```

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



Here you see how a box with a 4 pixel #7A4CA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A4CA4; -webkit-box-shadow:4px 4px  
4px 4px #7A4CA4; box-shadow:4px 4px 4px  
4px #7A4CA4 }
```

# Background

The CSS property to change the background color of an element to Hex 7A4CA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A4CA4 }
```

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

```
.background{ background-color:#7A4CA4 }
```

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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