

# Converting Colors

Hex(7A48A2)

Have a look what the booklet for  
Hex(7A48A2) contains.

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# Color

**Hex(7A48A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A48A2
RGB	122, 72, 162
RGB Percent	48%, 28%, 64%
CMY	0.5216, 0.7176, 0.3647
CMYK	0.25, 0.56, 0.00, 0.36
HSL	273°, 38%, 46%
HSV	273°, 56%, 64%
XYZ	16.8650, 11.3809, 35.4903
YIQ	97.2100, 0.9100, 38.5900

# Conversions

## Conversions Part 2

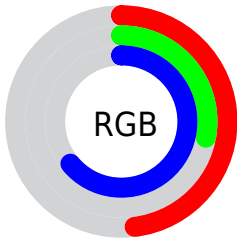
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 72, 162
Decimal	8013986
CIE <sub>Lab</sub>	40.21, 38.66, -40.72
CIE <sub>LCh</sub>	40, 56.148, 313.515
Yxy	11.3809, 0.2646, 0.1786
Android (android.graphics.Color)	4286204066 (0xFF7A48A2)
YUV	97.2100, 31.9415, 21.7408
Hunter-Lab	33.7356, 30.1976, -38.7588

# Details

The Hex color **7A48A2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **70A248**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B17AD9**, and **46186E** is the 20% darker color. If you saturate the color by 10%, you get **7338A2**, and if you desaturate by 10%, it is **8158A2**.

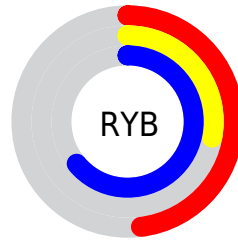
# Distribution



Red (48%)

Green (28%)

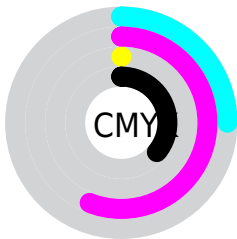
Blue (64%)



Red (48%)

Yellow (28%)

Blue (64%)

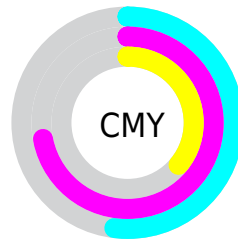


Cyan (25%)

Magenta (56%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (72%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A48A2 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 7A48A2 by changing the saturation by 10% instead.



7A48A2

7A48A2

FFFFFF

603087

B17AD9

46186E

CD95F6

2C0055

EAB0FF

18003D

FFCCFF

000326

FFE8FF

00010F

000000

7A48A2

7A48A2

7338A2

8158A2

6C28A2

8868A2

6417A2

9079A2

5D07A2

9789A2

5A00A2

9E99A2

A5A9A2

ACB9A2

B4CAA2

BBDAA2

# Harmonies

## Analogous

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



005DB9



7A48A2



A3317A

# Triad

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



7A48A2



875300



007373

# Complementary

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



7A48A2



70A248

# 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.



007243



7A48A2



606300

# Square

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



7A48A2



A43E21



286D12



00729D

# Rectangle

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



7A48A2



AE295B



286D12



007363



# Sweetspot

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



7A48A2



C4B0D4



4871A2



62566B



EBEBEB



6B6B6B



# Same Dimension

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



7A48A2



9546D4



A2489E



4E4952



510091



0A0012



# Inverse Universe

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



A24870



D44685



48A24C



52494D



910041

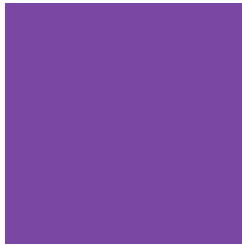


120008



# Previews

## White Background



This preview shows how the Hex color 7A48A2 looks on a white background.

## Color Contrast Check

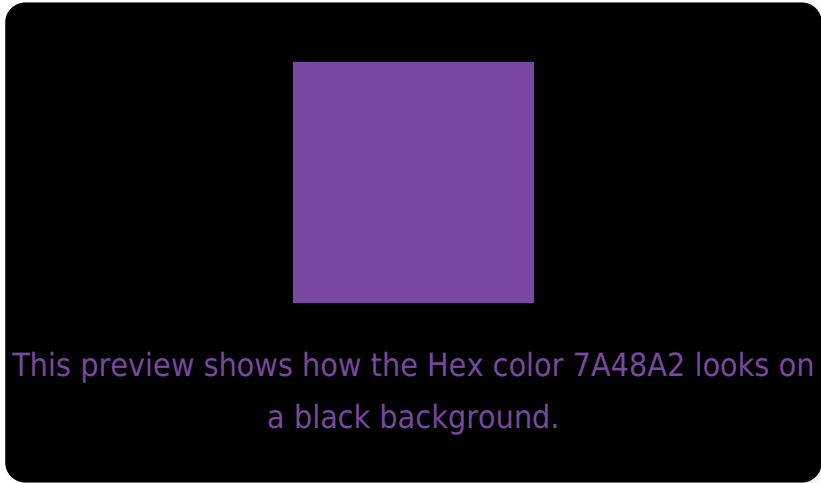
Large Text (above 18pt) WCAG AA ✓ Pass

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

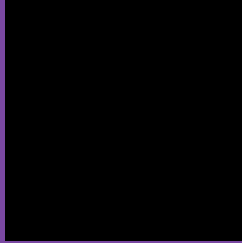
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A48A2 Background



This preview shows how black text looks on a background with the Hex color 7A48A2.

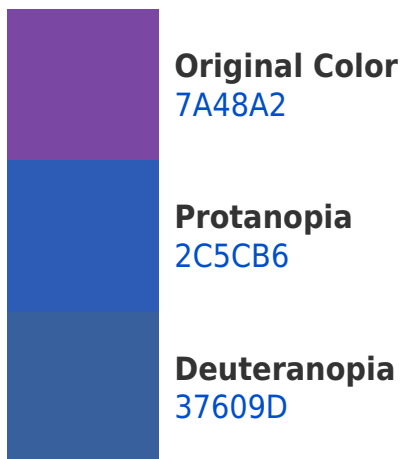


This preview shows how white text looks on a background with the Hex color 7A48A2.

# 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](#).

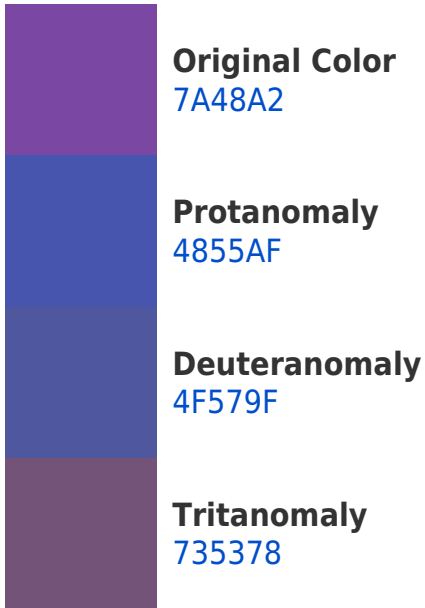
## Dichromacy



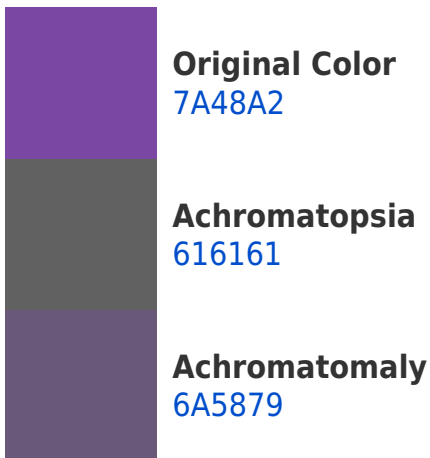


**Tritanopia**  
6F5960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A48A2 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 #7A48A2 looks like.

```
.text, #text, p{  
    color:#7A48A2  
}
```

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 #7A48A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A48A2
}
```

## Border

The CSS property to change the border of an element to Hex 7A48A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

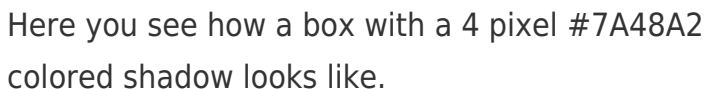
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A48A2 }
```

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

```
.border{ border-color:#7A48A2 }
```

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



Here you see how a box with a 4 pixel #7A48A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A48A2; -webkit-box-shadow:4px 4px  
4px 4px #7A48A2; box-shadow:4px 4px 4px  
4px #7A48A2 }
```

# Background

The CSS property to change the background color of an element to Hex 7A48A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A48A2 }
```

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

```
.background{ background-color:#7A48A2 }
```

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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