

# Converting Colors

Hex(7C42AD)

Have a look what the booklet for  
Hex(7C42AD) contains.

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# Color

**Hex(7C42AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C42AD
RGB	124, 66, 173
RGB Percent	49%, 26%, 68%
CMY	0.5137, 0.7412, 0.3216
CMYK	0.28, 0.62, 0.00, 0.32
HSL	273°, 45%, 47%
HSV	273°, 62%, 68%
XYZ	17.8032, 11.1986, 40.7584
YIQ	95.5400, 0.2210, 45.5730

# Conversions

## Conversions Part 2

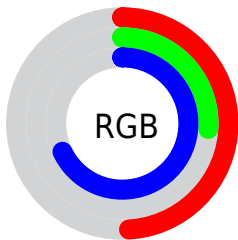
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 66, 173
Decimal	8143533
CIELab	39.91, 45.08, -47.74
CIELCh	40, 65.657, 313.358
Yxy	11.1986, 0.2552, 0.1605
Android (android.graphics.Color)	4286333613 (0xFF7C42AD)
YUV	95.5400, 38.1878, 24.9594
Hunter-Lab	33.4644, 36.4003, -48.7880

# Details

The Hex color **7C42AD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **73AD42**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B475E5**, and **460E78** is the 20% darker color. If you saturate the color by 10%, you get **7431AD**, and if you desaturate by 10%, it is **8453AD**.

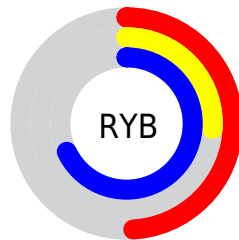
# Distribution



Red (49%)

Green (26%)

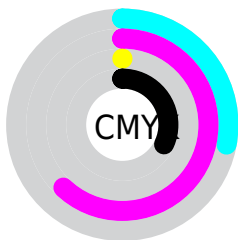
Blue (68%)



Red (49%)

Yellow (26%)

Blue (68%)

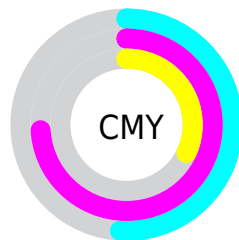


Cyan (28%)

Magenta (62%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (74%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C42AD 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 7C42AD by changing the saturation by 10% instead.



7C42AD

7C42AD

FFFFFF

612992

B475E5

460E78

D08FFF

2B005E

EDABFF

150046

FFC6FF

00022F

FFE3FF

000119

000000

7C42AD

7C42AD

7431AD

8453AD

 6C1FAD

 8C65AD

 640EAD

 9476AD

 5E00AD

 9C87AD

 A499AD

 ACAAAD

 B3BBAD

 BBCCAD

 C3DEAD

# Harmonies

## Analogous

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



005DC8



7C42AD



AD1C7E

# Triad

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



7C42AD



8B5000



007575

# Complementary

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



7C42AD



73AD42

# 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.



00733D



7C42AD



5D6300

# Square

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



7C42AD



AC3314



106E00



0073A7

# Rectangle

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



7C42AD



B9085A



106E00



007463



# Sweetspot

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



7C42AD



CDB6E0



4274AD



645670



F0F0F0



707070



# Same Dimension

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



7C42AD



943AE0



AD42A9



534E57



520096



0C0017



# Inverse Universe

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



AD4273



E03A86



42AD46



574E52



960045



17000B



# Previews

## White Background



This preview shows how the Hex color 7C42AD looks on a white background.

## Color Contrast Check

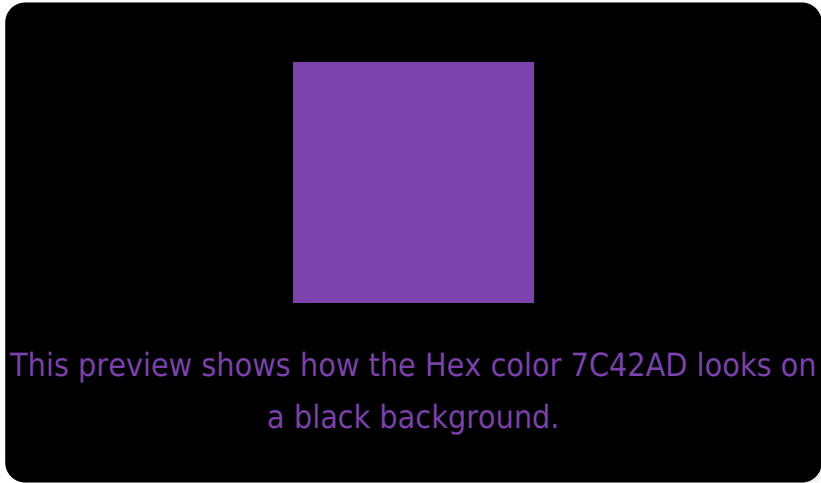
Large Text (above 18pt) WCAG AA ✓ Pass

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

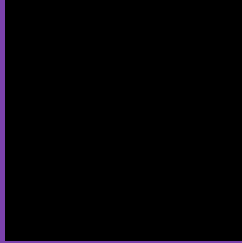
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C42AD Background



This preview shows how black text looks on a background with the Hex color 7C42AD.

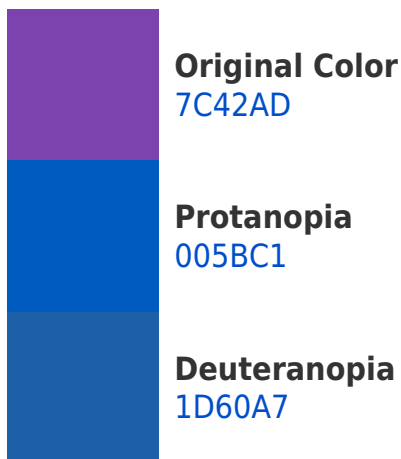


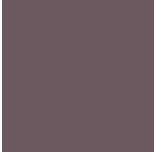
This preview shows how white text looks on a background with the Hex color 7C42AD.

# 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**  
6E585F

# Trichromacy



**Original Color**  
7C42AD



**Protanomaly**  
2D52BA



**Deuteranomaly**  
4055A9



**Tritanomaly**  
73507B

# Monochromacy



**Original Color**  
7C42AD



**Achromatopsia**  
606060



**Achromatomaly**  
6A557C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C42AD 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 #7C42AD looks like.

```
.text, #text, p{  
    color:#7C42AD  
}
```

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 #7C42AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C42AD
}
```

## Border

The CSS property to change the border of an element to Hex 7C42AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

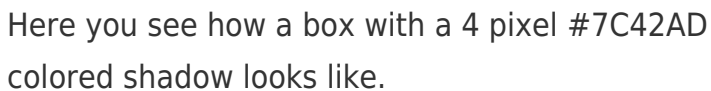
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C42AD }
```

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

```
.border{ border-color:#7C42AD }
```

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



Here you see how a box with a 4 pixel #7C42AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C42AD; -webkit-box-shadow:4px 4px  
4px 4px #7C42AD; box-shadow:4px 4px 4px  
4px #7C42AD }
```

# Background

The CSS property to change the background color of an element to Hex 7C42AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C42AD }
```

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

```
.background{ background-color:#7C42AD }
```

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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