

# Converting Colors

Hex(7C2A7C)

Have a look what the booklet for  
Hex(7C2A7C) contains.

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# Color

Hex(7C2A7C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C2A7C
RGB	124, 42, 124
RGB Percent	49%, 16%, 49%
CMY	0.5137, 0.8353, 0.5137
CMYK	0.00, 0.66, 0.00, 0.51
HSL	300°, 49%, 33%
HSV	300°, 66%, 49%
XYZ	12.7782, 7.3963, 19.8229
YIQ	75.8660, 22.5500, 42.8860

# Conversions

## Conversions Part 2

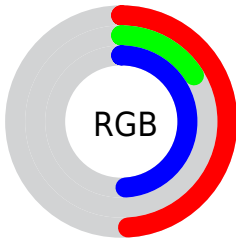
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 42, 124
Decimal	8137340
CIELab	32.69, 46.26, -29.40
CIELCh	33, 54.813, 327.563
Yxy	7.3963, 0.3195, 0.1849
Android (android.graphics.Color)	4286327420 (0xFF7C2A7C)
YUV	75.8660, 23.7301, 42.2135
Hunter-Lab	27.1960, 36.2763, -24.1786

# Details

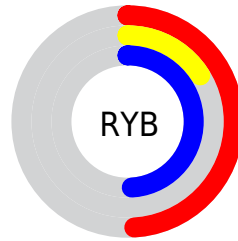
The Hex color **7C2A7C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2A7C2A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B35EB1**, and **48004B** is the 20% darker color. If you saturate the color by 10%, you get **7C1E7C**, and if you desaturate by 10%, it is **7C367C**.

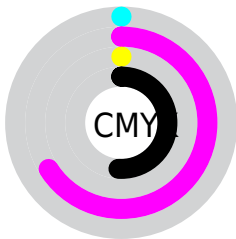
# Distribution



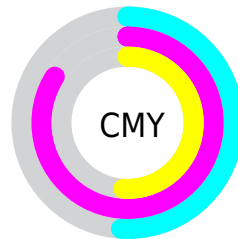
- Red (49%)
- Green (16%)
- Blue (49%)



- Red (49%)
- Yellow (16%)
- Blue (49%)



- Cyan (0%)
- Magenta (66%)
- Yellow (0%)
- Black (51%)



- Cyan (51%)
- Magenta (84%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C2A7C 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 7C2A7C by changing the saturation by 10% instead.



 7C2A7C

 7C2A7C

FFFFFF

 620B63

 B35EB1

 48004B

 CF78CD

 300034

 EC93E9

 11001E

 FFAFFF

 000000

 FFCBFF

 FFE7FF

 7C2A7C

 7C2A7C

 7C1E7C

 7C367C

 7C117C

 7C437C

 7C057C

 7C4F7C

 7C007C

 7C5C7C

 7C687C

 7C747C

 7C817C

 7C8D7C

 7C9A7C

# Harmonies

## Analogous

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



3F439A



7C2A7C



951152

# Triad

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



7C2A7C



624A00



005F74

# Complementary

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



7C2A7C



2A7C2A

# 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.



005F48



7C2A7C



375600

# Square

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



7C2A7C



813700



005C1A



005C96

# Rectangle

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



7C2A7C



971636



005C1A



005F66



# Sweetspot

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



7C2A7C



A181A1



2A2A7C



523E52



D1D1D1



525252



# Same Dimension

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



7C2A7C



A122A1



7C2A53



3D373D



7D007D



FC00FC



# Inverse Universe

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



7C2A7C



A122A1



2A7C53



3D373D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 7C2A7C looks on a white background.

## Color Contrast Check

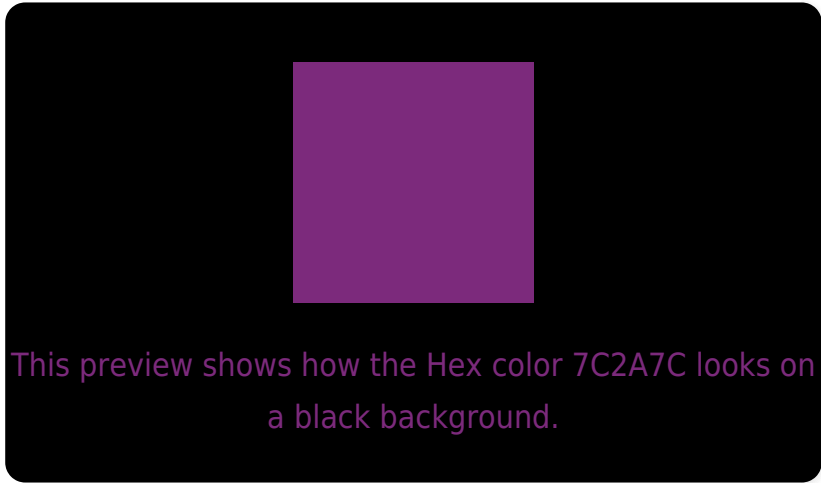
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

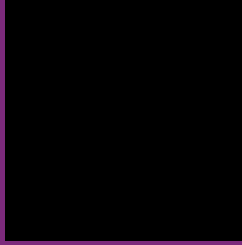
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C2A7C Background



This preview shows how black text looks on a background with the Hex color 7C2A7C.

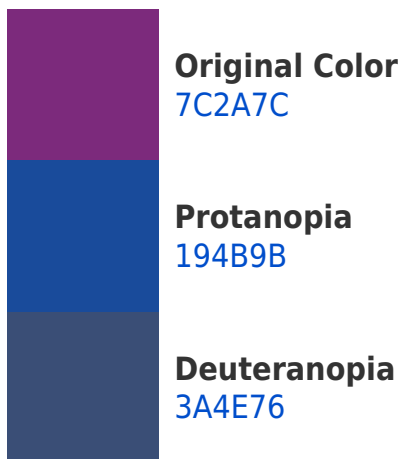


This preview shows how white text looks on a background with the Hex color 7C2A7C.

# 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**  
753C41

# Trichromacy



**Original Color**

7C2A7C



**Protanomaly**

3D3F90



**Deuteranomaly**

524178



**Tritanomaly**

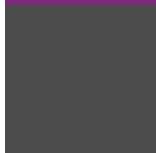
783556

# Monochromacy



**Original Color**

7C2A7C



**Achromatopsia**

4C4C4C



**Achromatomaly**

5D405D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C2A7C 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 #7C2A7C looks like.

```
.text, #text, p{  
    color:#7C2A7C  
}
```

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 #7C2A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C2A7C
}
```

## Border

The CSS property to change the border of an element to Hex 7C2A7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

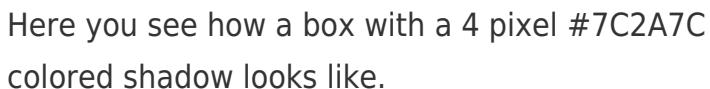
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C2A7C }
```

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

```
.border{ border-color:#7C2A7C }
```

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



Here you see how a box with a 4 pixel #7C2A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C2A7C; -webkit-box-shadow:4px 4px  
4px 4px #7C2A7C; box-shadow:4px 4px 4px  
4px #7C2A7C }
```

# Background

The CSS property to change the background color of an element to Hex 7C2A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C2A7C }
```

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

```
.background{ background-color:#7C2A7C }
```

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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