

# Converting Colors

Hex(772D7C)

Have a look what the booklet for  
Hex(772D7C) contains.

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# Color

Hex(772D7C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	772D7C
RGB	119, 45, 124
RGB Percent	47%, 18%, 49%
CMY	0.5333, 0.8235, 0.5137
CMYK	0.04, 0.64, 0.00, 0.51
HSL	296°, 47%, 33%
HSV	296°, 64%, 49%
XYZ	12.1842, 7.2539, 19.8268
YIQ	76.1320, 18.7450, 40.2570

# Conversions

## Conversions Part 2

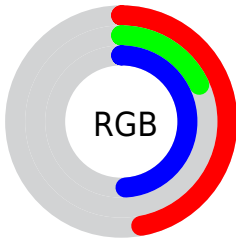
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 45, 124
Decimal	7810428
CIE <sub>Lab</sub>	32.38, 43.58, -29.95
CIE <sub>LCh</sub>	32, 52.882, 325.504
Yxy	7.2539, 0.3103, 0.1847
Android (android.graphics.Color)	4286000508 (0xFF772D7C)
YUV	76.1320, 23.5989, 37.5952
Hunter-Lab	26.9332, 33.6182, -24.7929

# Details

The Hex color **772D7C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **327C2D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AD60B1**, and **43004B** is the 20% darker color. If you saturate the color by 10%, you get **76217C**, and if you desaturate by 10%, it is **78397C**.

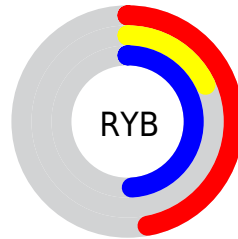
# Distribution



Red (47%)

Green (18%)

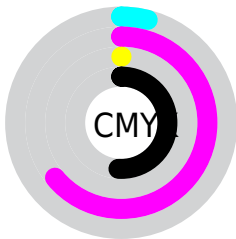
Blue (49%)



Red (47%)

Yellow (18%)

Blue (49%)

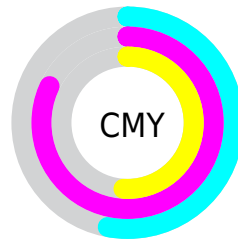


Cyan (4%)

Magenta (64%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (82%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 772D7C 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 772D7C by changing the saturation by 10% instead.



772D7C

772D7C

FFFFFF

5D1163

AD60B1

43004B

CA7ACD

2C0034

E695E9

08001E

FFB0FF

000000

FFCCFF

FFE9FF

772D7C

772D7C

76217C

78397C

75147C

79467C

75087C

79527C

74007C

7A5F7C

7B6B7C

7C777C

7C847C

7D907C

7E9D7C

# Harmonies

## Analogous

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



394498



772D7C



911754

# Triad

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



772D7C



634800



005E6F

# Complementary

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



772D7C



327C2D

# 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.



005E44



772D7C



3B5400

# Square

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



772D7C



813600



005B18



005B91

# Rectangle

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



772D7C



941839



005B18



005E61



# Sweetspot

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



772D7C



9F82A1



2D327C



503F52



D1D1D1



525252



# Same Dimension

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



772D7C



9927A1



7C2D5A



3D373D



75007D



EC00FC



# Inverse Universe

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



7C2D32



A1272E



2D7C4F



3D3737



7D0008



FC0010



# Previews

## White Background



This preview shows how the Hex color 772D7C 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

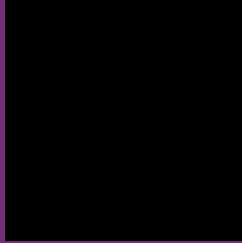
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 772D7C Background



This preview shows how black text looks on a background with the Hex color 772D7C.

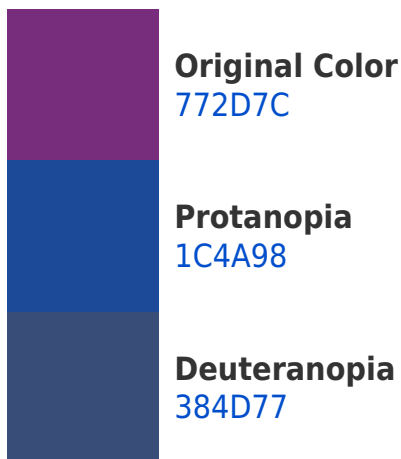


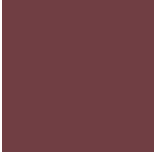
This preview shows how white text looks on a background with the Hex color 772D7C.

# 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**  
703E43

# Trichromacy



**Original Color**  
772D7C



**Protanomaly**  
3D3F8E



**Deuteranomaly**  
4F4179



**Tritanomaly**  
733858

# Monochromacy



**Original Color**  
772D7C



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
5C415D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 772D7C 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 #772D7C looks like.

```
.text, #text, p{  
    color:#772D7C  
}
```

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 #772D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #772D7C
}
```

## Border

The CSS property to change the border of an element to Hex 772D7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

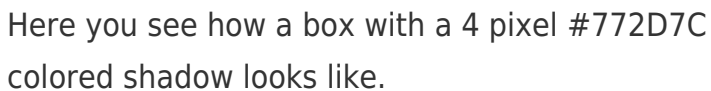
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#772D7C }
```

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

```
.border{ border-color:#772D7C }
```

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



Here you see how a box with a 4 pixel `#772D7C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #772D7C; -webkit-box-shadow:4px 4px  
4px 4px #772D7C; box-shadow:4px 4px 4px  
4px #772D7C }
```

# Background

The CSS property to change the background color of an element to Hex 772D7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#772D7C }
```

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

```
.background{ background-color:#772D7C }
```

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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