

# Converting Colors

Hex(7A2772)

Have a look what the booklet for  
Hex(7A2772) contains.

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**Color**

**Hex(7A2772)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A2772
RGB	122, 39, 114
RGB Percent	48%, 15%, 45%
CMY	0.5216, 0.8471, 0.5529
CMYK	0.00, 0.68, 0.07, 0.52
HSL	306°, 52%, 32%
HSV	306°, 68%, 48%
XYZ	11.7888, 6.8035, 16.6115
YIQ	72.3670, 25.3930, 40.9210

# Conversions

## Conversions Part 2

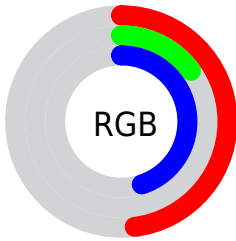
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 39, 114
Decimal	8005490
CIE <sub>Lab</sub>	31.36, 45.23, -25.22
CIE <sub>LCh</sub>	31, 51.790, 330.858
Yxy	6.8035, 0.3349, 0.1933
Android (android.graphics.Color)	4286195570 (0xFF7A2772)
YUV	72.3670, 20.5251, 43.5281
Hunter-Lab	26.0836, 35.0293, -19.5007

# Details

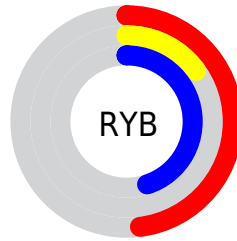
The Hex color **7A2772** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **277A2F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B15BA6**, and **460042** is the 20% darker color. If you saturate the color by 10%, you get **7A1B71**, and if you desaturate by 10%, it is **7A3373**.

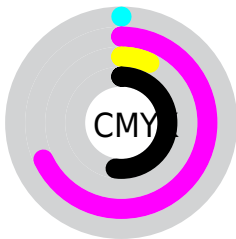
# Distribution



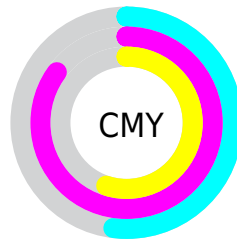
- Red (48%)
- Green (15%)
- Blue (45%)



- Red (48%)
- Yellow (15%)
- Blue (45%)



- Cyan (0%)
- Magenta (68%)
- Yellow (7%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A2772 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 7A2772 by changing the saturation by 10% instead.



7A2772

7A2772

FFFFFF

600759

B15BA6

460042

CD75C1

2F002B

EA90DD

090015

FFABFA

000000

FFC7FF

FFE4FF

7A2772

7A2772

7A1B71

7A3373

 7A0F70

 7A3F74

 7A026E

 7A4C76

 7A006E

 7A5877

 7A6478

 7A7079

 7A7C7A

 7A897B

 7A957D

# Harmonies

## Analogous

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



463E90



7A2772



8E144A

# Triad

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



7A2772



5A4900



005B73

# Complementary

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



7A2772



277A2F

# 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.



005B4A



7A2772



305300

# Square

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



7A2772



793800



00591F



005891

# Rectangle

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



7A2772



8F1A30



00591F



005B66



# Sweetspot

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



7A2772



9E7E9B



2E277A



4F3C4D



CFCFCF



4F4F4F



# Same Dimension

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



7A2772



9E1C92



7A274A



3D373D



7D0071



FC00E4



# Inverse Universe

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



7A2772



9E1C92



277A57



3D373D



7D0071



FC00E4



# Previews

## White Background



This preview shows how the Hex color 7A2772 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

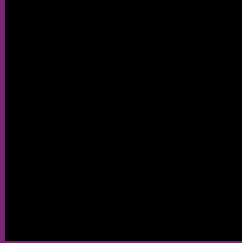
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A2772 Background



This preview shows how black text looks on a background with the Hex color 7A2772.

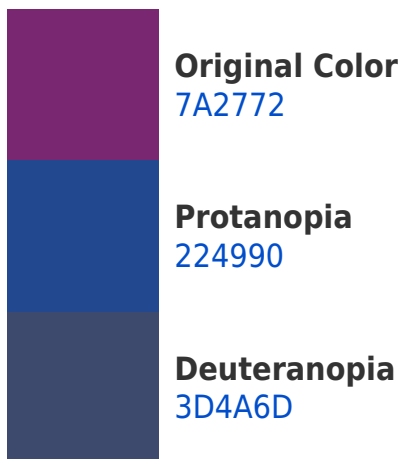



This preview shows how white text looks on a background with the Hex color 7A2772.

# 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**  
74383C

# Trichromacy



**Original Color**

7A2772



**Protanomaly**

423D85



**Deuteranomaly**

533D6F



**Tritanomaly**

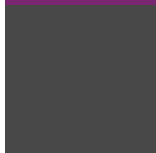
763250

# Monochromacy



**Original Color**

7A2772



**Achromatopsia**

484848



**Achromatomaly**

5A3C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A2772 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 #7A2772 looks like.

```
.text, #text, p{  
    color:#7A2772  
}
```

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 #7A2772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2772
}
```

## Border

The CSS property to change the border of an element to Hex 7A2772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

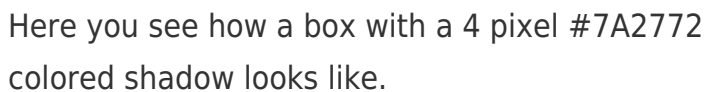
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2772 }
```

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

```
.border{ border-color:#7A2772 }
```

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



Here you see how a box with a 4 pixel #7A2772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2772; -webkit-box-shadow:4px 4px  
4px 4px #7A2772; box-shadow:4px 4px 4px  
4px #7A2772 }
```

# Background

The CSS property to change the background color of an element to Hex 7A2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2772 }
```

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

```
.background{ background-color:#7A2772 }
```

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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