

# Converting Colors

Hex(7A2798)

Have a look what the booklet for  
Hex(7A2798) contains.

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# Color

**Hex(7A2798)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A2798
RGB	122, 39, 152
RGB Percent	48%, 15%, 60%
CMY	0.5216, 0.8471, 0.4039
CMYK	0.20, 0.74, 0.00, 0.40
HSL	284°, 59%, 37%
HSV	284°, 74%, 60%
XYZ	14.4191, 7.8556, 30.4621
YIQ	76.6990, 13.1950, 52.7390

# Conversions

## Conversions Part 2

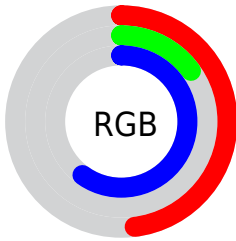
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 39, 152
Decimal	8005528
CIE <sub>Lab</sub>	33.68, 52.53, -45.15
CIE <sub>LCh</sub>	34, 69.266, 319.319
Yxy	7.8556, 0.2734, 0.1490
Android (android.graphics.Color)	4286195608 (0xFF7A2798)
YUV	76.6990, 37.1234, 39.7290
Hunter-Lab	28.0279, 42.7813, -44.8198

# Details

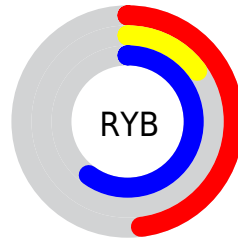
The Hex color **7A2798** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **459827**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B25DCF**, and **440064** is the 20% darker color. If you saturate the color by 10%, you get **761898**, and if you desaturate by 10%, it is **7E3698**.

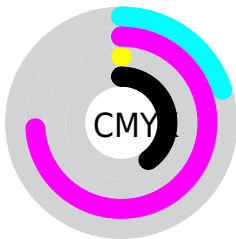
# Distribution



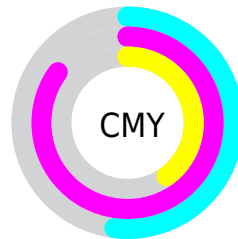
- Red (48%)
- Green (15%)
- Blue (60%)



- Red (48%)
- Yellow (15%)
- Blue (60%)



- Cyan (20%)
- Magenta (74%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (85%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A2798 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 7A2798 by changing the saturation by 10% instead.



 7A2798

 7A2798

FFFFFF

 5F037E

 B25DCF

 440064

 CE77EC

 2B004C

 EB92FF

 0D0034

 FFAEFF

 00021E

 FFCAFF

 000000

 FFE7FF

 7A2798

 7A2798

 761898

 7E3698

720998

824598

700098

865598

8A6498

8E7398

928298

969198

9AA198

9EB098

# Harmonies

## Analogous

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



004AB9



7A2798



A30065

# Triad

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



7A2798



724600



006572

# Complementary

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



7A2798



459827

# 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.



006439



7A2798



405700

# Square

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



7A2798



962600



006000



0064A3

# Rectangle

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



7A2798



AB0041



006000



006560



# Sweetspot

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



7A2798



B999C4



274598



5D4A63



E3E3E3



636363



# Same Dimension

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



7A2798



9616C4



98277E



4A454D



67008C



09000D



# Inverse Universe

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



982745



C41644



279841



4D4547



8C0025

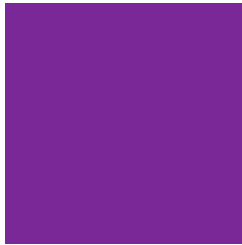


0D0003



# Previews

## White Background



This preview shows how the Hex color 7A2798 looks on a white background.

## Color Contrast Check

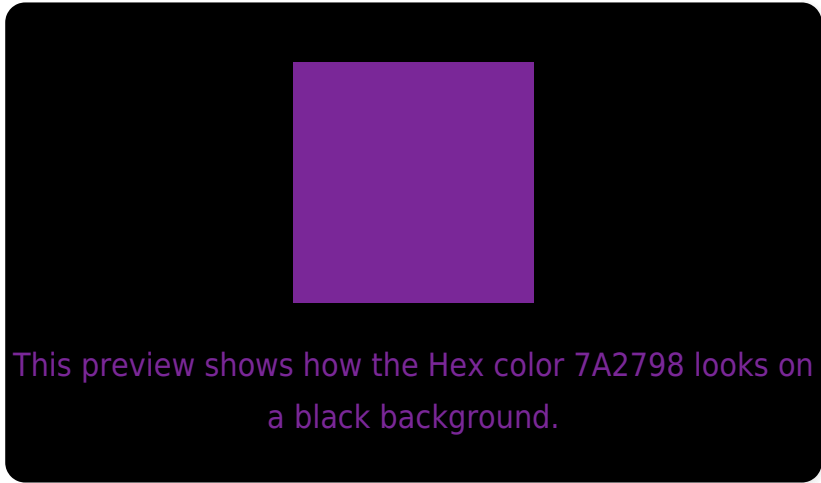
Large Text (above 18pt) WCAG AA ✓ Pass

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

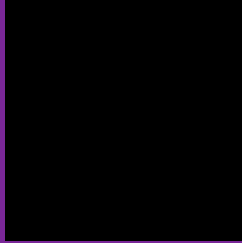
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A2798 Background



This preview shows how black text looks on a background with the Hex color 7A2798.

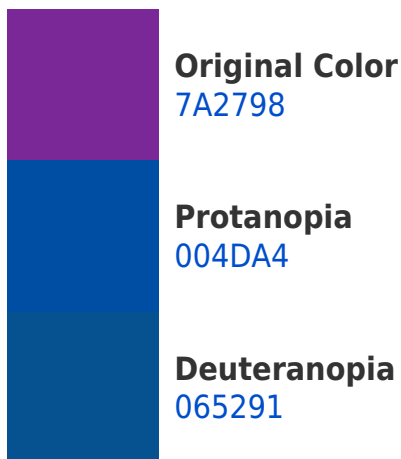



This preview shows how white text looks on a background with the Hex color 7A2798.

# 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](#).

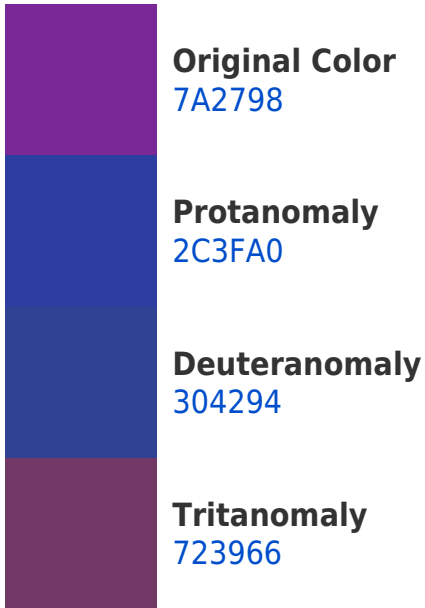
## Dichromacy



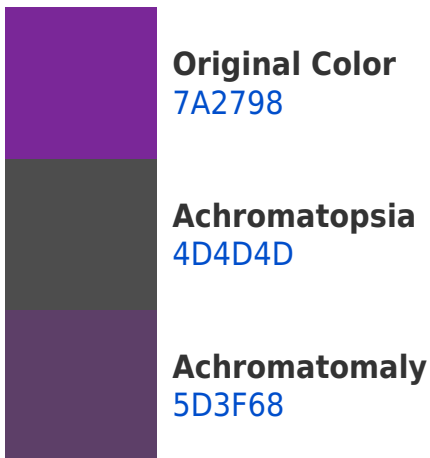


**Tritanopia**  
6E4449

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A2798 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 #7A2798 looks like.

```
.text, #text, p{  
    color:#7A2798  
}
```

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 #7A2798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2798
}
```

## Border

The CSS property to change the border of an element to Hex 7A2798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

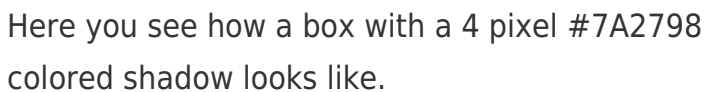
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2798 }
```

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

```
.border{ border-color:#7A2798 }
```

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



Here you see how a box with a 4 pixel #7A2798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2798; -webkit-box-shadow:4px 4px  
4px 4px #7A2798; box-shadow:4px 4px 4px  
4px #7A2798 }
```

# Background

The CSS property to change the background color of an element to Hex 7A2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2798 }
```

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

```
.background{ background-color:#7A2798 }
```

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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