

# Converting Colors

Hex(7D287A)

Have a look what the booklet for  
Hex(7D287A) contains.

|  |    |
|--|----|
| <b>Hex(7D287A)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(7D287A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 7D287A                    |
| RGB           | 125, 40, 122              |
| RGB Percent   | 49%, 16%, 48%             |
| CMY           | 0.5098, 0.8431, 0.5216    |
| CMYK          | 0.00, 0.68, 0.02, 0.51    |
| HSL           | 302°, 52%, 32%            |
| HSV           | 302°, 68%, 49%            |
| XYZ           | 12.7291, 7.2827, 19.1472  |
| YIQ           | 74.7630, 24.3380, 43.5220 |

# Conversions

## Conversions Part 2

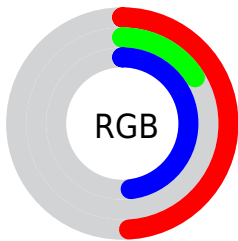
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 125, 40, 122                  |
| Decimal                             | 8202362                       |
| CIE <sub>Lab</sub>                  | 32.44, 47.01, -28.53          |
| CIE <sub>LCh</sub>                  | 32, 54.991, 328.748           |
| Yxy                                 | 7.2827, 0.3251,<br>0.1860     |
| Android<br>(android.graphics.Color) | 4286392442<br>(0xFF7D287A)    |
| YUV                                 | 74.7630, 23.2878,<br>44.0578  |
| Hunter-Lab                          | 26.9865, 36.9693,<br>-23.1763 |

# Details

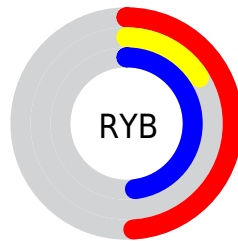
The Hex color **7D287A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **287D2B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **B45DAF**, and **490049** is the 20% darker color. If you saturate the color by 10%, you get **7D1B7A**, and if you desaturate by 10%, it is **7D357A**.

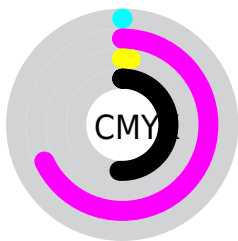
# Distribution



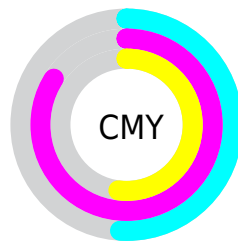
- Red (49%)
- Green (16%)
- Blue (48%)



- Red (49%)
- Yellow (16%)
- Blue (48%)



- Cyan (0%)
- Magenta (68%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (84%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D287A 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 7D287A by changing the saturation by 10% instead.



 7D287A

 7D287A

FFFFFF

 620761

 B45DAF

 490049

 D077CA

 310032

 EE92E7

 12001C

 FFADFF

 000000

 FFC9FF

 FFE6FF

 7D287A

 7D287A

 7D1B7A

 7D357A

 7D0F79

 7D417B

 7D0379

 7D4E7B

 7D0079

 7D5A7C

 7D677C

 7D737D

 7D807D

 7D8C7E

 7D997E

# Harmonies

## Analogous

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



424199



7D287A



950F50

# Triad

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



7D287A



604A00



005F75

# Complementary

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



7D287A



287D2B

# 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.



005E49



7D287A



345600

# Square

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



7D287A



803700



005C1B



005C97

# Rectangle

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



7D287A



961534



005C1B



005F67



# Sweetspot

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



7D287A



A383A2



2B287D



523E51



D1D1D1



525252



# Same Dimension

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



7D287A



A31D9E



7D2850



403940



80007B



000000



# Inverse Universe

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



7D287A



A31D9E



287D55



403940



80007B



000000



# Previews

## White Background



This preview shows how the Hex color 7D287A looks on a white background.

## Color Contrast Check

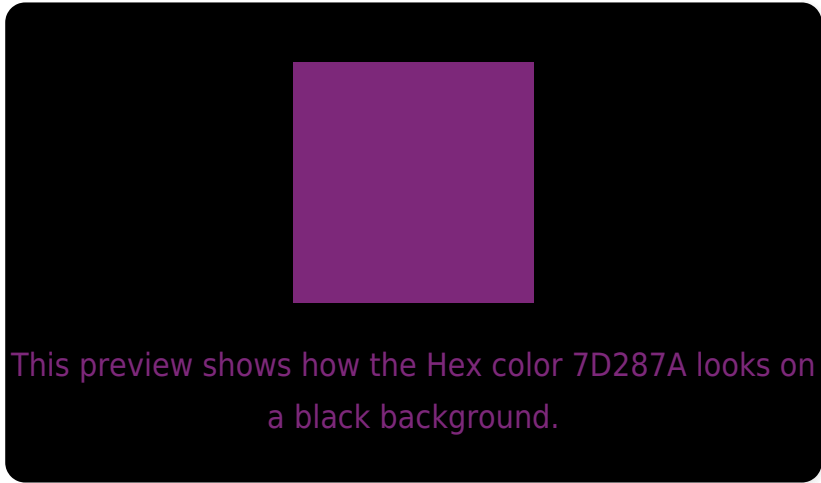
Large Text (above 18pt) WCAG AA ✓ Pass

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

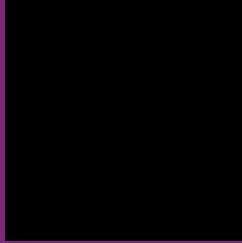
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D287A Background



This preview shows how black text looks on a background with the Hex color 7D287A.

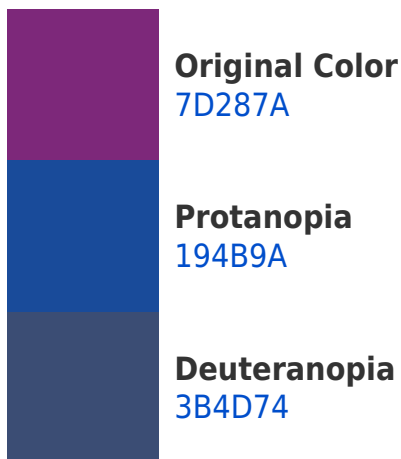


This preview shows how white text looks on a background with the Hex color 7D287A.

# 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**  
763B3F

# Trichromacy



**Original Color**  
7D287A



**Protanomaly**  
3D3E8E



**Deuteranomaly**  
534076



**Tritanomaly**  
793454

# Monochromacy



**Original Color**  
7D287A



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
5D3E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D287A 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 #7D287A looks like.

```
.text, #text, p{  
    color:#7D287A  
}
```

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 #7D287A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D287A
}
```

## Border

The CSS property to change the border of an element to Hex 7D287A 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
#7D287A }
```

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

```
.border{ border-color:#7D287A }
```

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

Here you see how a box with a 4 pixel #7D287A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D287A; -webkit-box-shadow:4px 4px  
4px 4px #7D287A; box-shadow:4px 4px 4px  
4px #7D287A }
```

# Background

The CSS property to change the background color of an element to Hex 7D287A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D287A }
```

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

```
.background{ background-color:#7D287A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor