

Converting Colors

Hex(7E2C77)

Have a look what the booklet for
Hex(7E2C77) contains.

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Color

Hex(7E2C77)

Conversions

Conversions Part 1

Format	Color
Hex	7E2C77
RGB	126, 44, 119
RGB Percent	49%, 17%, 47%
CMY	0.5059, 0.8275, 0.5333
CMYK	0.00, 0.65, 0.06, 0.51
HSL	305°, 48%, 33%
HSV	305°, 65%, 49%
XYZ	12.8346, 7.5689, 18.2372
YIQ	77.0680, 24.7970, 40.7090

Conversions

Conversions Part 2

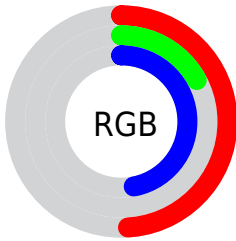
Format	Color
R _Y B	126, 44, 119
Decimal	8268919
CIE Lab	33.07, 45.02, -25.65
CIE LCh	33, 51.809, 330.330
Yxy	7.5689, 0.3322, 0.1959
Android (android.graphics.Color)	4286458999 (0xFF7E2C77)
YUV	77.0680, 20.6725, 42.9134
Hunter-Lab	27.5116, 35.1280, -20.0448

Details

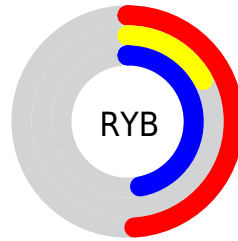
The Hex color **7E2C77** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2C7E33**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B560AC**, and **4A0046** is the 20% darker color. If you saturate the color by 10%, you get **7E1F76**, and if you desaturate by 10%, it is **7E3978**.

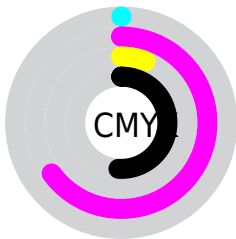
Distribution



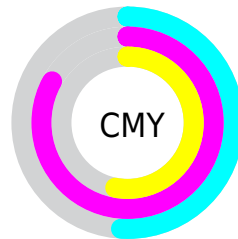
- Red (49%)
- Green (17%)
- Blue (47%)



- Red (49%)
- Yellow (17%)
- Blue (47%)



- Cyan (0%)
- Magenta (65%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (83%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E2C77 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 7E2C77 by changing the saturation by 10% instead.

 7E2C77

 7E2C77

FFFFFF

 640F5E

 B560AC

 4A0046

 D17AC7

 320030

 EE95E3

 14001A

 FFB0FF

 000000

 FFCDFD

 FFE9FF

 7E2C77

 7E2C77

 7E1F76

 7E3978

 7E1375

 7E4579

 7E0674

 7E527A

 7E0073

 7E5E7B

 7E6B7C

 7E787D

 7E847F

 7E9180

 7E9D81

Harmonies

Analogous

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



4A4295



7E2C77



931B4F

Triad

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



7E2C77



5F4C00



005F76

Complementary

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



7E2C77



2C7E33

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.



005F4D



7E2C77



355700

Square

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



7E2C77



7E3B00



005D22



005C95

Rectangle

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



7E2C77



941F34



005D22



006069

Sweetspot

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



7E2C77



A383A0



332C7E



523E50



D1D1D1



525252

Same Dimension

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



7E2C77



A32498



7E2C4E



40393F



800075



000000

Inverse Universe

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



7E2C77



A32498



2C7E5C



40393F



800075



000000

Previews

White Background



This preview shows how the Hex color 7E2C77 looks on a white background.

Color Contrast Check

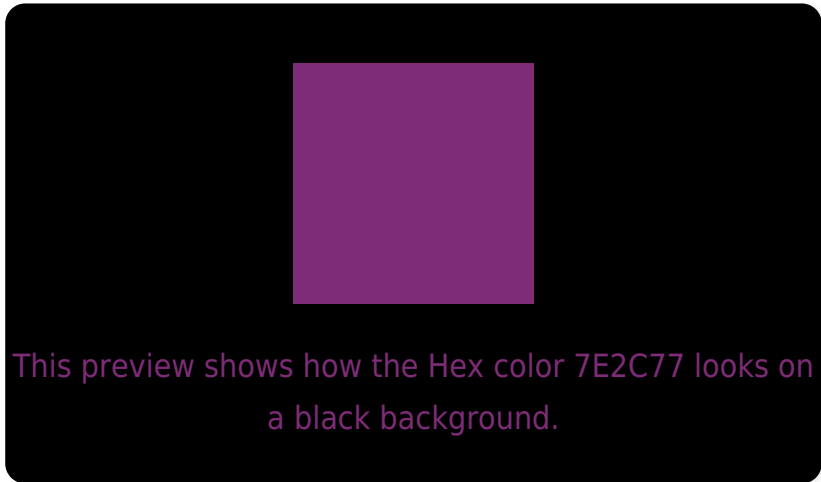
Large Text (above 18pt) WCAG AA ✓ Pass

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

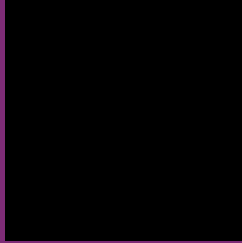
Any Text WCAG AA × Fail

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 7E2C77 Background



This preview shows how black text looks on a background with the Hex color 7E2C77.

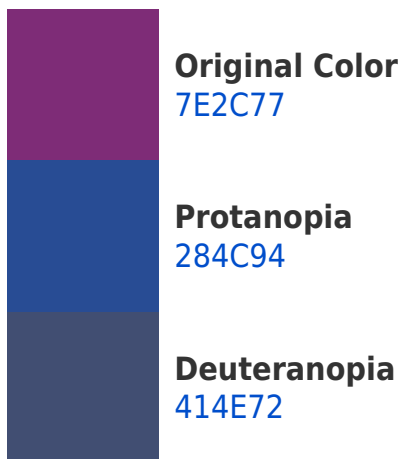



This preview shows how white text looks on a background with the Hex color 7E2C77.

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
783C40

Trichromacy



Original Color
7E2C77

Protanomaly
474089

Deuteranomaly
574274

Tritanomaly
7A3654

Monochromacy



Original Color
7E2C77

Achromatopsia
4D4D4D

Achromatomaly
5F415C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E2C77 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 #7E2C77 looks like.

```
.text, #text, p{  
    color:#7E2C77  
}
```

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 #7E2C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E2C77
}
```

Border

The CSS property to change the border of an element to Hex 7E2C77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

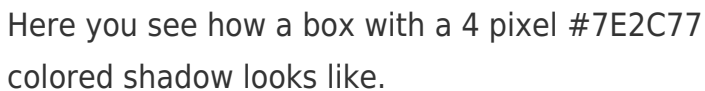
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E2C77 }
```

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

```
.border{ border-color:#7E2C77 }
```

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



Here you see how a box with a 4 pixel #7E2C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E2C77; -webkit-box-shadow:4px 4px  
4px 4px #7E2C77; box-shadow:4px 4px 4px  
4px #7E2C77 }
```

Background

The CSS property to change the background color of an element to Hex 7E2C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E2C77 }
```

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

```
.background{ background-color:#7E2C77 }
```

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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