

Converting Colors

Hex(7A2E7A)

Have a look what the booklet for
Hex(7A2E7A) contains.

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Color

Hex(7A2E7A)

Conversions

Conversions Part 1

Format	Color
Hex	7A2E7A
RGB	122, 46, 122
RGB Percent	48%, 18%, 48%
CMY	0.5216, 0.8196, 0.5216
CMYK	0.00, 0.62, 0.00, 0.52
HSL	300°, 45%, 33%
HSV	300°, 62%, 48%
XYZ	12.5159, 7.4967, 19.1997
YIQ	77.3880, 20.9000, 39.7480

Conversions

Conversions Part 2

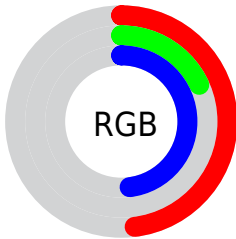
Format	Color
R_{YB}	122, 46, 122
Decimal	8007290
CIE _{Lab}	32.91, 43.55, -27.82
CIE _{LCh}	33, 51.678, 327.428
Yxy	7.4967, 0.3192, 0.1912
Android (android.graphics.Color)	4286197370 (0xFF7A2E7A)
YUV	77.3880, 21.9937, 39.1247
Hunter-Lab	27.3801, 33.6800, -22.4097

Details

The Hex color **7A2E7A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2E7A2E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B161AF**, and **460049** is the 20% darker color. If you saturate the color by 10%, you get **7A227A**, and if you desaturate by 10%, it is **7A3A7A**.

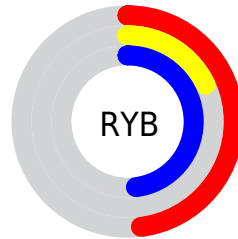
Distribution



Red (48%)

Green (18%)

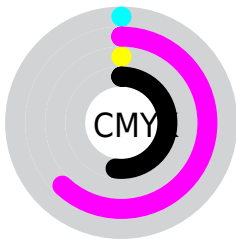
Blue (48%)



Red (48%)

Yellow (18%)

Blue (48%)

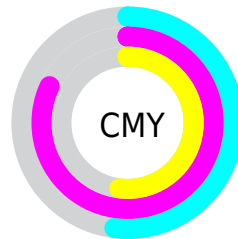


Cyan (0%)

Magenta (62%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (82%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2E7A 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 7A2E7A by changing the saturation by 10% instead.

7A2E7A

7A2E7A

FFFFFF

601261

B161AF

460049

CD7BCA

2F0032

EA96E7

0F001C

FFB2FF

000000

FFCEFF

FFEAFF

7A2E7A

7A2E7A

7A227A

7A3A7A

 7A167A

 7A467A

 7A097A

 7A537A

 7A007A

 7A5F7A

 7A6B7A

 7A777A

 7A837A

 7A907A

 7A9C7A

Harmonies

Analogous

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



414497



7A2E7A



921B53

Triad

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



7A2E7A



624B00



005F72

Complementary

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



7A2E7A



2E7A2E

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.



005F49



7A2E7A



3A5600

Square

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



7A2E7A



803901



005C1E



005C92

Rectangle

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



7A2E7A



941E38



005C1E



005F65

Sweetspot

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



7A2E7A



9E809E



2E2E7A



4F3D4F



CFCFCF



4F4F4F

Same Dimension

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



7A2E7A



9E289E



7A2E54



3D373D



7D007D



FC00FC

Inverse Universe

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



7A2E7A



9E289E



2E7A54



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 7A2E7A looks on a white background.

Color Contrast Check

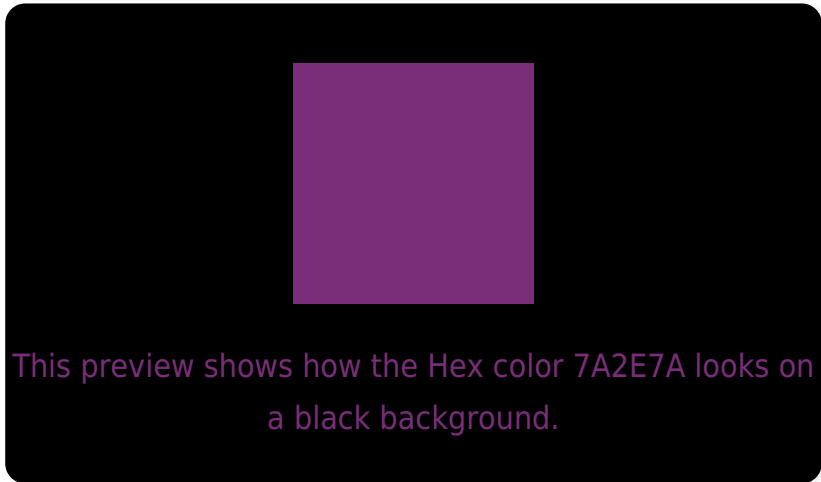
Large Text (above 18pt) WCAG AA ✓ Pass

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

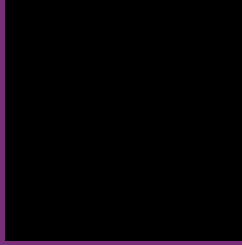
Any Text WCAG AA × Fail

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 7A2E7A Background



This preview shows how black text looks on a background with the Hex color 7A2E7A.

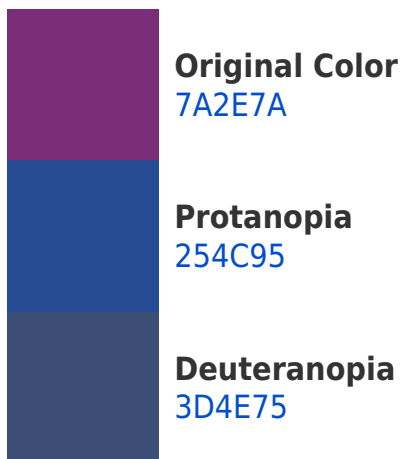



This preview shows how white text looks on a background with the Hex color 7A2E7A.

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
743E43

Trichromacy



Original Color

7A2E7A



Protanomaly

44418B



Deuteranomaly

534277



Tritanomaly

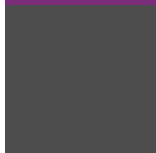
763857

Monochromacy



Original Color

7A2E7A



Achromatopsia

4D4D4D



Achromatomaly

5D425D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2E7A 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 #7A2E7A looks like.

```
.text, #text, p{  
    color:#7A2E7A  
}
```

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 #7A2E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2E7A
}
```

Border

The CSS property to change the border of an element to Hex 7A2E7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

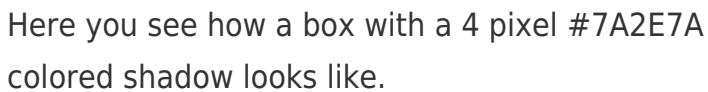
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2E7A }
```

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

```
.border{ border-color:#7A2E7A }
```

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



Here you see how a box with a 4 pixel #7A2E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2E7A; -webkit-box-shadow:4px 4px  
4px 4px #7A2E7A; box-shadow:4px 4px 4px  
4px #7A2E7A }
```

Background

The CSS property to change the background color of an element to Hex 7A2E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2E7A }
```

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

```
.background{ background-color:#7A2E7A }
```

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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