

Converting Colors

Hex(7A2AAF)

Have a look what the booklet for
Hex(7A2AAF) contains.

Hex(7A2AAF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A2AAF)

Conversions

Conversions Part 1

Format	Color
Hex	7A2AAF
RGB	122, 42, 175
RGB Percent	48%, 16%, 69%
CMY	0.5216, 0.8353, 0.3137
CMYK	0.30, 0.76, 0.00, 0.31
HSL	276°, 61%, 43%
HSV	276°, 76%, 69%
XYZ	16.5919, 8.8886, 41.3986
YIQ	81.0820, 4.9870, 58.3230

Conversions

Conversions Part 2

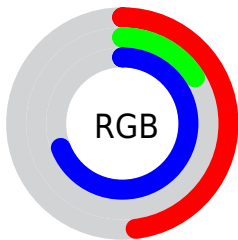
Format	Color
R_{YB}	122, 42, 175
Decimal	8006319
CIE _{Lab}	35.77, 56.30, -55.63
CIE _{LCh}	36, 79.149, 315.340
Yxy	8.8886, 0.2481, 0.1329
Android (android.graphics.Color)	4286196399 (0xFF7A2AAF)
YUV	81.0820, 46.3016, 35.8851
Hunter-Lab	29.8138, 47.1638, -61.4587

Details

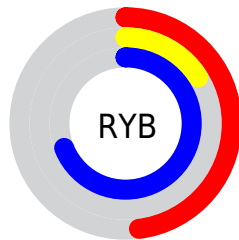
The Hex color **7A2AAF** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5FAF2A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B360E7**, and **420079** is the 20% darker color. If you saturate the color by 10%, you get **7319AF**, and if you desaturate by 10%, it is **813BAF**.

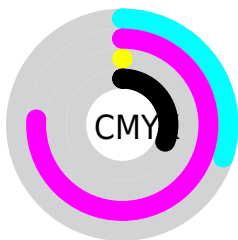
Distribution



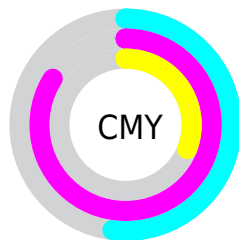
- Red (48%)
- Green (16%)
- Blue (69%)



- Red (48%)
- Yellow (16%)
- Blue (69%)



- Cyan (30%)
- Magenta (76%)
- Yellow (0%)
- Black (31%)



- Cyan (52%)
- Magenta (84%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A2AAF 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 7A2AAF by changing the saturation by 10% instead.

7A2AAF

7A2AAF

FFFFFF

5E0794

B360E7

420079

D07BFF

250060

ED96FF

020047

FFB2FF

000430

FFCEFF

00011A

FFE8FF

000000

7A2AAF

7A2AAF

7319AF

813BAF

6C07AF

884DAF

6900AF

8F5FAF

9670AF

9D82AF

A493AF

ABA4AF

B2B6AF

B9C8AF

Harmonies

Analogous

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



0052D2



7A2AAF



B10076

Triad

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



7A2AAF



804600



006C74

Complementary

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



7A2AAF



5FAF2A

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.



006A31



7A2AAF



495C00

Square

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



7A2AAF



A91500



006600



006CAF

Rectangle

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



7A2AAF



BC004C



006600



006C5E

Sweetspot

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



7A2AAF



CEAFE3



2A5FAF



665373



F2F2F2



737373

Same Dimension

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



7A2AAF



9114E3



AF2AA2



534E57



5A0096



0E0017

Inverse Universe

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



AF2A5F



E31467



2AAF37



574E51



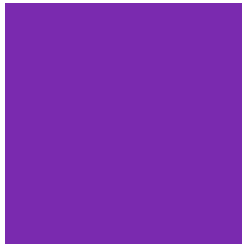
96003C



170009

Previews

White Background



This preview shows how the Hex color 7A2AAF looks on a white background.

Color Contrast Check

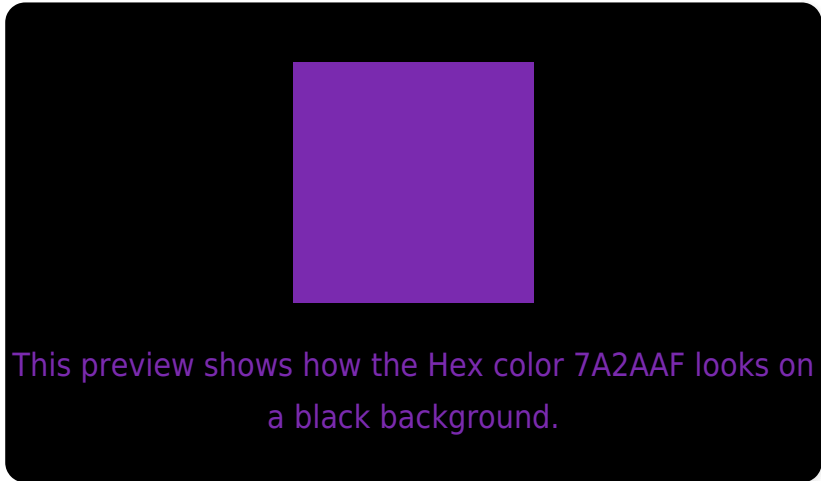
Large Text (above 18pt) WCAG AA ✓ Pass

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

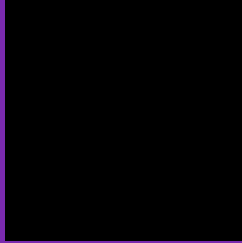
Any Text WCAG AA × Fail

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 7A2AAF Background



This preview shows how black text looks on a background with the Hex color 7A2AAF.

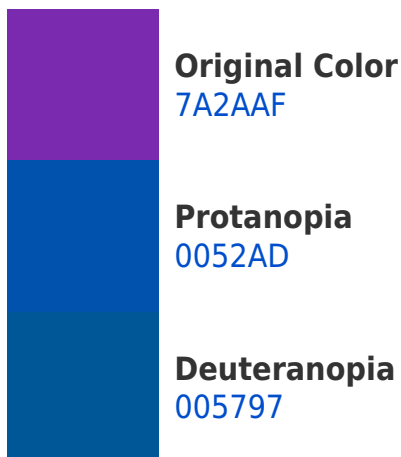



This preview shows how white text looks on a background with the Hex color 7A2AAF.

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](#).

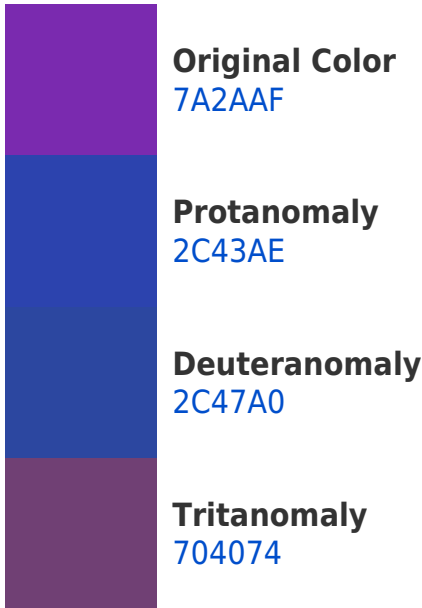
Dichromacy



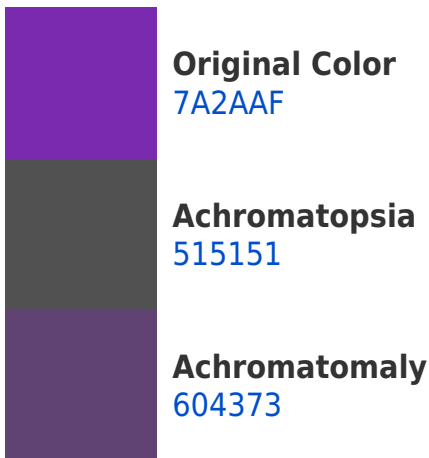


Tritanopia
6A4D53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A2AAF 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 #7A2AAF looks like.

```
.text, #text, p{  
    color:#7A2AAF  
}
```

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 #7A2AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2AAF
}
```

Border

The CSS property to change the border of an element to Hex 7A2AAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

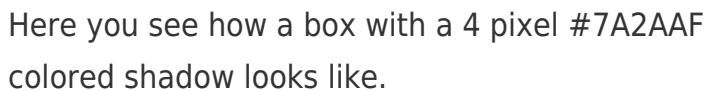
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2AAF }
```

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

```
.border{ border-color:#7A2AAF }
```

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



Here you see how a box with a 4 pixel #7A2AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2AAF; -webkit-box-shadow:4px 4px  
4px 4px #7A2AAF; box-shadow:4px 4px 4px  
4px #7A2AAF }
```

Background

The CSS property to change the background color of an element to Hex 7A2AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2AAF }
```

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

```
.background{ background-color:#7A2AAF }
```

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