

# Converting Colors

Hex(7F2AAC)

Have a look what the booklet for  
Hex(7F2AAC) contains.

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# Color

**Hex(7F2AAC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F2AAC
RGB	127, 42, 172
RGB Percent	50%, 16%, 67%
CMY	0.5020, 0.8353, 0.3255
CMYK	0.26, 0.76, 0.00, 0.33
HSL	279°, 61%, 42%
HSV	279°, 76%, 67%
XYZ	17.0268, 9.1465, 39.8978
YIQ	82.2350, 8.9300, 58.4500

# Conversions

## Conversions Part 2

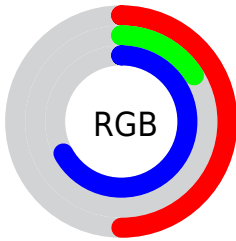
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 42, 172
Decimal	8333996
CIE <sub>Lab</sub>	36.26, 56.58, -53.01
CIE <sub>LCh</sub>	36, 77.531, 316.869
Yxy	9.1465, 0.2577, 0.1384
Android (android.graphics.Color)	4286524076 (0xFF7F2AAC)
YUV	82.2350, 44.2541, 39.2589
Hunter-Lab	30.2432, 47.5689, -57.0470

# Details

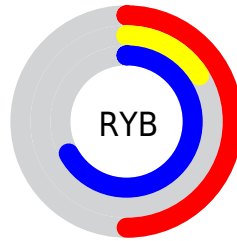
The Hex color **7F2AAC** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **57AC2A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B860E4**, and **480077** is the 20% darker color. If you saturate the color by 10%, you get **7919AC**, and if you desaturate by 10%, it is **853BAC**.

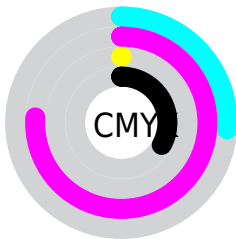
# Distribution



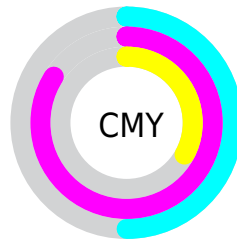
- Red (50%)
- Green (16%)
- Blue (67%)



- Red (50%)
- Yellow (16%)
- Blue (67%)



- Cyan (26%)
- Magenta (76%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (84%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F2AAC 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 7F2AAC by changing the saturation by 10% instead.



 7F2AAC

 7F2AAC

FFFFFF

 630691

 B860E4

 480077

 D57BFF

 2C005D

 F296FF

 0F0045

 FFB2FF

 00032D

 FFCFFF

 000118

 FFECFF

 000000

 7F2AAC

 7F2AAC

 7919AC

 853BAC

7308AC

8B4CAC

7000AC

915EAC

976FAC

9D80AC

A391AC

A9A2AC

AFB4AC

B5C5AC

# Harmonies

## Analogous

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



0052CF



7F2AAC



B20073

# Triad

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



7F2AAC



7F4900



006D78

# Complementary

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



7F2AAC



57AC2A

# 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.



006C37



7F2AAC



485D00

# Square

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



7F2AAC



A71E00



006700



006DB1

# Rectangle

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



7F2AAC



BC004A



006700



006D63



# Sweetspot

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



7F2AAC



CFADE0



2A58AC



655170



F0F0F0



707070



# Same Dimension

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



7F2AAC



9A14E0



AC2A99



544E57



620096



0F0017



# Inverse Universe

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



AC2A57



E0145B



2AAC3E



574E51



960034

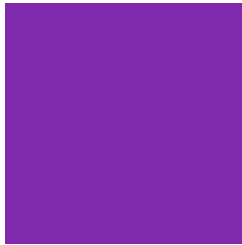


170008



# Previews

## White Background



This preview shows how the Hex color 7F2AAC 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

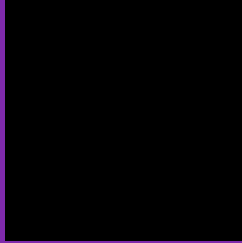
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F2AAC Background



This preview shows how black text looks on a background with the Hex color 7F2AAC.

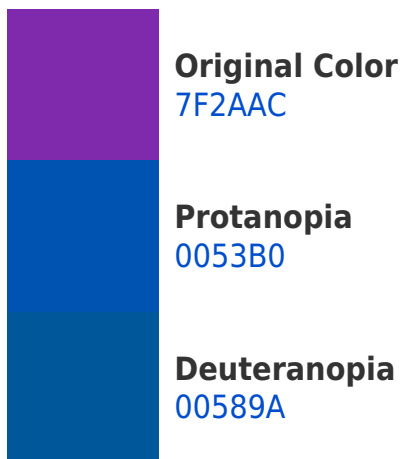


This preview shows how white text looks on a background with the Hex color 7F2AAC.

# 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](#).

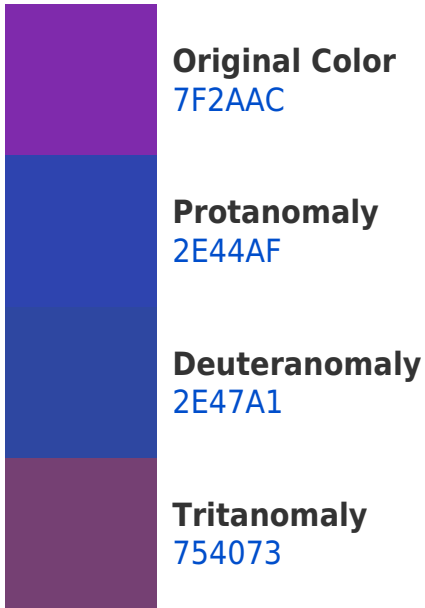
## Dichromacy





**Tritanopia**  
704C52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F2AAC 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 #7F2AAC looks like.

```
.text, #text, p{  
    color:#7F2AAC  
}
```

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 #7F2AAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2AAC
}
```

## Border

The CSS property to change the border of an element to Hex 7F2AAC 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
#7F2AAC }
```

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

```
.border{ border-color:#7F2AAC }
```

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

Here you see how a box with a 4 pixel #7F2AAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2AAC; -webkit-box-shadow:4px 4px  
4px 4px #7F2AAC; box-shadow:4px 4px 4px  
4px #7F2AAC }
```

# Background

The CSS property to change the background color of an element to Hex 7F2AAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2AAC }
```

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

```
.background{ background-color:#7F2AAC }
```

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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