

Converting Colors

Hex(7A3AA8)

Have a look what the booklet for
Hex(7A3AA8) contains.

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Color

Hex(7A3AA8)

Conversions

Conversions Part 1

Format	Color
Hex	7A3AA8
RGB	122, 58, 168
RGB Percent	48%, 23%, 66%
CMY	0.5216, 0.7725, 0.3412
CMYK	0.27, 0.65, 0.00, 0.34
HSL	275°, 49%, 44%
HSV	275°, 65%, 66%
XYZ	16.6070, 9.9908, 38.0989
YIQ	89.6760, 2.8340, 47.7780

Conversions

Conversions Part 2

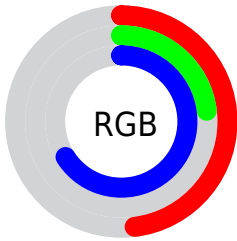
Format	Color
R_{YB}	122, 58, 168
Decimal	8010408
CIE _{Lab}	37.83, 47.52, -48.13
CIE _{LCh}	38, 67.634, 314.632
Yxy	9.9908, 0.2567, 0.1544
Android (android.graphics.Color)	4286200488 (0xFF7A3AA8)
YUV	89.6760, 38.6137, 28.3481
Hunter-Lab	31.6083, 38.4693, -49.3392

Details

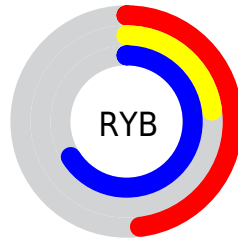
The Hex color **7A3AA8** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **68A83A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B26DE0**, and **440073** is the 20% darker color. If you saturate the color by 10%, you get **7329A8**, and if you desaturate by 10%, it is **814BA8**.

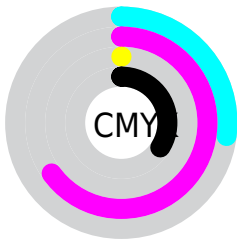
Distribution



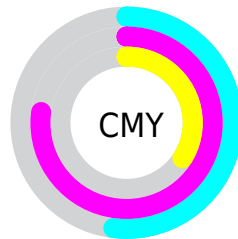
- Red (48%)
- Green (23%)
- Blue (66%)



- Red (48%)
- Yellow (23%)
- Blue (66%)



- Cyan (27%)
- Magenta (65%)
- Yellow (0%)
- Black (34%)



- Cyan (52%)
- Magenta (77%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A3AA8 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 7A3AA8 by changing the saturation by 10% instead.

7A3AA8

7A3AA8

FFFFFF

5F208D

B26DE0

440073

CE88FD

29005A

EBA3FF

100042

FFBEFF

00032A

FFDBFF

000115

FFF8FF

000000

7A3AA8

7A3AA8

7329A8

814BA8

6C18A8

885CA8

6508A8

8F6CA8

6200A8

967DA8

9D8EA8

A49FA8

ABB0A8

B2C0A8

B9D1A8

Harmonies

Analogous

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



0057C5



7A3AA8



AA0577

Triad

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



7A3AA8



844C00



007073

Complementary

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



7A3AA8



68A83A

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.



006E3A



7A3AA8



555F00

Square

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



7A3AA8



A62D08



006900



006EA6

Rectangle

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



7A3AA8



B50053



006900



006F60

Sweetspot

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



7A3AA8



C9AFDB



3A6AA8



63536E



EDEDED



6E6E6E

Same Dimension

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



7A3AA8



932EDB



A83AA1



514C54



560094



0C0014

Inverse Universe

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



A83A68



DB2E77



3AA841



544C4F



94003E



140009

Previews

White Background



This preview shows how the Hex color 7A3AA8 looks on a white background.

Color Contrast Check

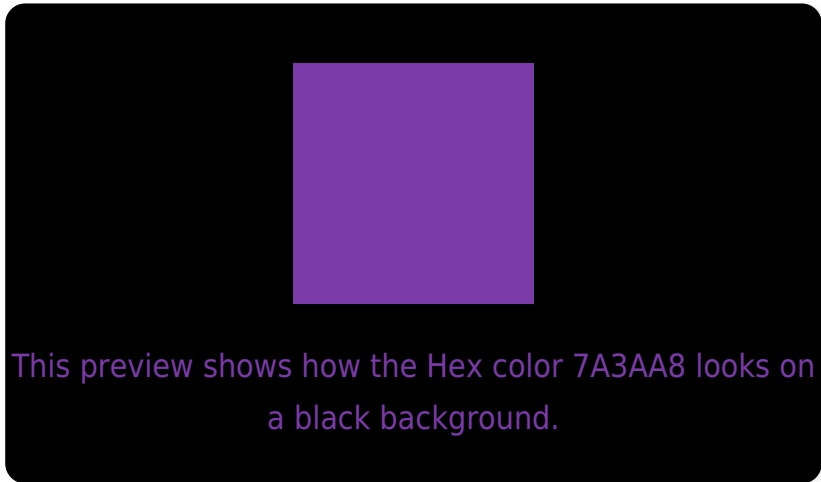
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

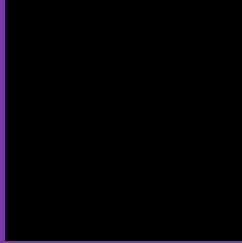
Any Text WCAG AA × Fail

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 7A3AA8 Background



This preview shows how black text looks on a background with the Hex color 7A3AA8.

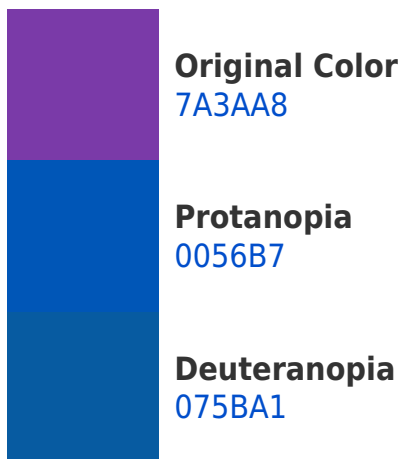


This preview shows how white text looks on a background with the Hex color 7A3AA8.

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
6C5259

Trichromacy



Original Color
7A3AA8



Protanomaly
2C4CB2



Deuteranomaly
314FA4



Tritanomaly
714976

Monochromacy



Original Color
7A3AA8



Achromatopsia
5A5A5A



Achromatomaly
664E76

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A3AA8 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 #7A3AA8 looks like.

```
.text, #text, p{  
    color:#7A3AA8  
}
```

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 #7A3AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3AA8  
}
```

Border

The CSS property to change the border of an element to Hex 7A3AA8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

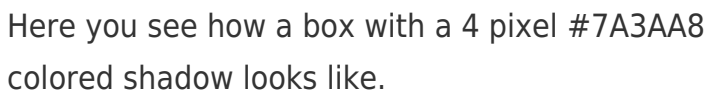
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7A3AA8 }
```

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

```
.border{ border-color:#7A3AA8 }
```

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



Here you see how a box with a 4 pixel #7A3AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3AA8; -webkit-box-shadow:4px 4px  
4px 4px #7A3AA8; box-shadow:4px 4px 4px  
4px #7A3AA8 }
```

Background

The CSS property to change the background color of an element to Hex 7A3AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3AA8 }
```

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

```
.background{ background-color:#7A3AA8 }
```

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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