

Converting Colors

Hex(7B2DAA)

Have a look what the booklet for
Hex(7B2DAA) contains.

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Color

Hex(7B2DAA)

Conversions

Conversions Part 1

Format	Color
Hex	7B2DAA
RGB	123, 45, 170
RGB Percent	48%, 18%, 67%
CMY	0.5176, 0.8235, 0.3333
CMYK	0.28, 0.74, 0.00, 0.33
HSL	277°, 58%, 42%
HSV	277°, 74%, 67%
XYZ	16.3625, 8.9900, 38.9031
YIQ	82.5720, 6.3630, 55.4110

Conversions

Conversions Part 2

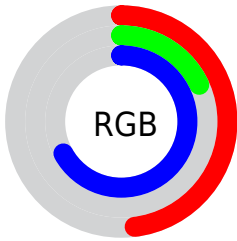
Format	Color
R_{YB}	123, 45, 170
Decimal	8072618
CIE _{Lab}	35.97, 54.16, -52.32
CIE _{LCh}	36, 75.306, 315.988
Yxy	8.9900, 0.2546, 0.1399
Android (android.graphics.Color)	4286262698 (0xFF7B2DAA)
YUV	82.5720, 43.1020, 35.4554
Hunter-Lab	29.9833, 44.9399, -55.9398

Details

The Hex color **7B2DAA** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5CAA2D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B362E2**, and **440075** is the 20% darker color. If you saturate the color by 10%, you get **751CAA**, and if you desaturate by 10%, it is **813EAA**.

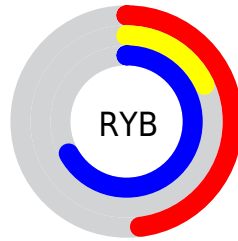
Distribution



Red (48%)

Green (18%)

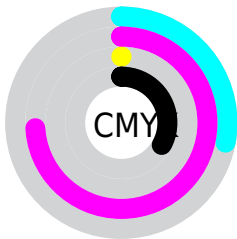
Blue (67%)



Red (48%)

Yellow (18%)

Blue (67%)

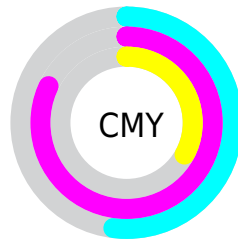


Cyan (28%)

Magenta (74%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (82%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B2DAA 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 7B2DAA by changing the saturation by 10% instead.

 7B2DAA

 7B2DAA

FFFFFF

 5F0D8F

 B362E2

 440075

 D07DFF

 28005B

 EE98FF

 090043

 FFB4FF

 00032C

 FFD0FF

 000116


 FFEDFF

 000000

 7B2DAA

 7B2DAA

 751CAA

 813EAA

■ 6E0BAA

■ 884FAA

■ 6A00AA

■ 8E60AA

■ 9571AA

■ 9B82AA

■ A193AA

■ A8A4AA

■ AEB5AA

■ B5C6AA

Harmonies

Analogous

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



0052CB



7B2DAA



AE0074

Triad

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



7B2DAA



7F4800



006C75

Complementary

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



7B2DAA



5CAA2D

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.



006A35



7B2DAA



4A5C00

Square

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



7B2DAA



A61F00



006600



006BAC

Rectangle

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



7B2DAA



B9004C



006600



006C60

Sweetspot

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



7B2DAA



CBADDE



2D5DAA



655370



F0F0F0



707070

Same Dimension

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



7B2DAA



941BDE



AA2D9B



514C54



5C0094



0D0014

Inverse Universe

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



AA2D5C



DE1B64



2DAA3C



544C4F



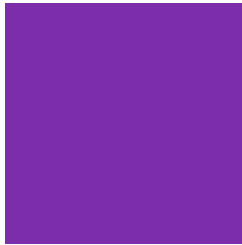
940038



140008

Previews

White Background



This preview shows how the Hex color 7B2DAA looks on a white background.

Color Contrast Check

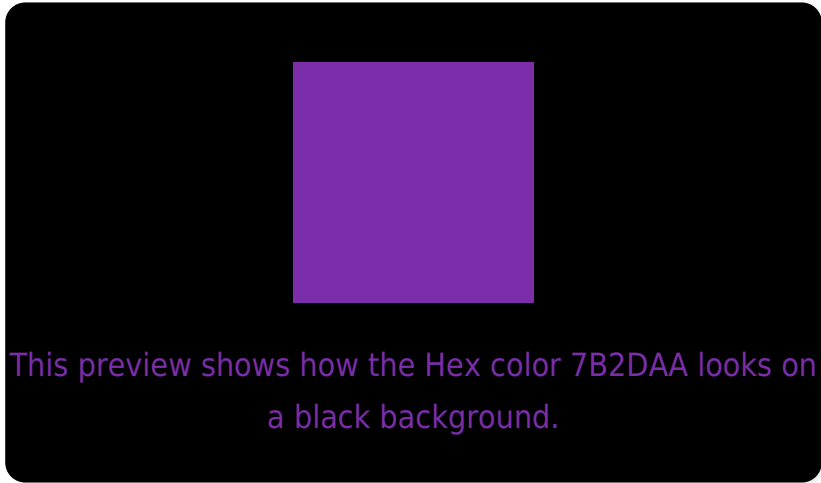
Large Text (above 18pt) WCAG AA ✓ Pass

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

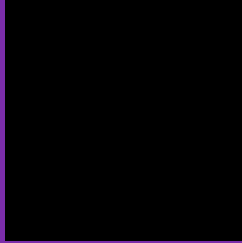
Any Text WCAG AA × Fail

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 7B2DAA Background



This preview shows how black text looks on a background with the Hex color 7B2DAA.

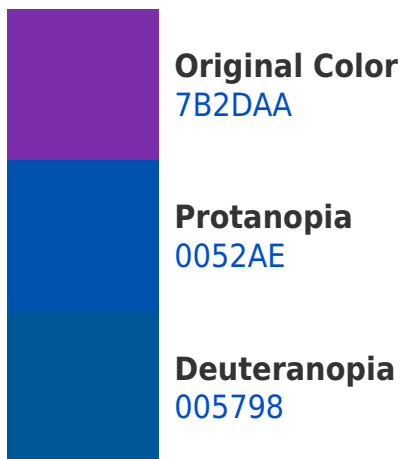


This preview shows how white text looks on a background with the Hex color 7B2DAA.

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
6C4C52

Trichromacy



Original Color

7B2DAA



Protanomaly

2D45AD



Deuteranomaly

2D489F



Tritanomaly

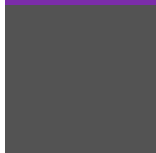
714172

Monochromacy



Original Color

7B2DAA



Achromatopsia

535353



Achromatomaly

624573

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B2DAA 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 #7B2DAA looks like.

```
.text, #text, p{  
    color:#7B2DAA  
}
```

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 #7B2DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B2DAA
}
```

Border

The CSS property to change the border of an element to Hex 7B2DAA 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
#7B2DAA }
```

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

```
.border{ border-color:#7B2DAA }
```

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

Here you see how a box with a 4 pixel #7B2DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B2DAA; -webkit-box-shadow:4px 4px  
4px 4px #7B2DAA; box-shadow:4px 4px 4px  
4px #7B2DAA }
```

Background

The CSS property to change the background color of an element to Hex 7B2DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B2DAA }
```

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

```
.background{ background-color:#7B2DAA }
```

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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