

Converting Colors

Hex(7B0AAF)

Have a look what the booklet for
Hex(7B0AAF) contains.

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Color

Hex(7B0AAF)

Conversions

Conversions Part 1

Format	Color
Hex	7B0AAF
RGB	123, 10, 175
RGB Percent	48%, 4%, 69%
CMY	0.5176, 0.9608, 0.3137
CMYK	0.30, 0.94, 0.00, 0.31
HSL	281°, 89%, 36%
HSV	281°, 94%, 69%
XYZ	16.0148, 7.5232, 41.1655
YIQ	62.5970, 14.3830, 75.2710

Conversions

Conversions Part 2

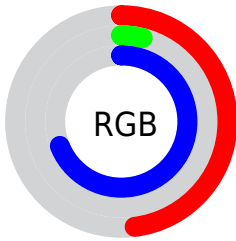
Format	Color
R_{YB}	123, 10, 175
Decimal	8063663
CIE _{Lab}	32.97, 65.09, -60.19
CIE _{LCh}	33, 88.650, 317.240
Yxy	7.5232, 0.2475, 0.1163
Android (android.graphics.Color)	4286253743 (0xFF7B0AAF)
YUV	62.5970, 55.4147, 52.9734
Hunter-Lab	27.4284, 56.2221, -69.7845

Details

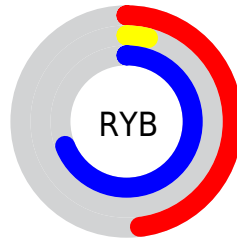
The Hex color **7B0AAF** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3EAF0A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **B54EE8**, and **420079** is the 20% darker color. If you saturate the color by 10%, you get **7800AF**, and if you desaturate by 10%, it is **811BAF**.

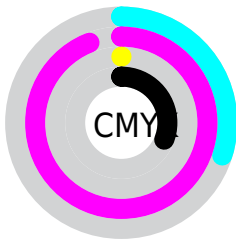
Distribution



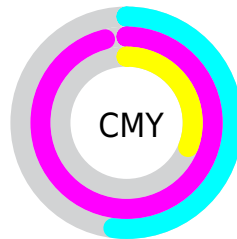
- Red (48%)
- Green (4%)
- Blue (69%)



- Red (48%)
- Yellow (4%)
- Blue (69%)



- Cyan (30%)
- Magenta (94%)
- Yellow (0%)
- Black (31%)



- Cyan (52%)
- Magenta (96%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0AAF 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 7B0AAF by changing the saturation by 10% instead.

 7B0AAF

 7B0AAF

FFFFFF

 5F0094

 B54EE8

 420079

 D26AFF

 250060

 F085FF

 000047

 FFA1FF

 00042F

 FFBEFF

 00011A

 FFDBFF

 000000

 FFF8FF

 7B0AAF

 7B0AAF

7800AF

811BAF

862DAF

8C3EAF

9150AF

9762AF

9C73AF

A285AF

A796AF

ADA8AF

Harmonies

Analogous

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



004BD8



7B0AAF



B4006F

Triad

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



7B0AAF



784000



006676

Complementary

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



7B0AAF



3EAF0A

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.



00642C



7B0AAF



385700

Square

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



7B0AAF



A50000



006000



0067B6

Rectangle

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



7B0AAF



BE0041



006000



00665E

Sweetspot

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



7B0AAF



CFA3E3



0A3EAF



664C73



F2F2F2



737373

Same Dimension

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



7B0AAF



9B00E3



AF0A91



544E57



670096



100017

Inverse Universe

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



AF0A3E



E30048



0AAF28



574E51



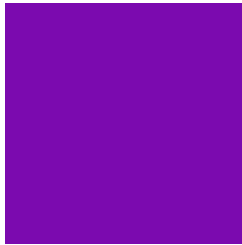
96002F



170007

Previews

White Background



This preview shows how the Hex color 7B0AAF looks on a white background.

Color Contrast Check

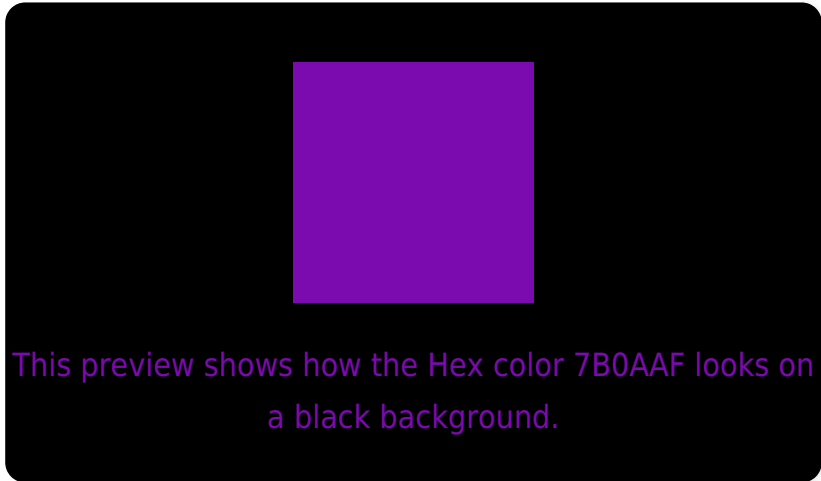
Large Text (above 18pt) WCAG AA ✓ Pass

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

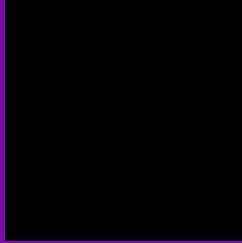
Any Text WCAG AA × Fail

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 7B0AAF Background



This preview shows how black text looks on a background with the Hex color 7B0AAF.

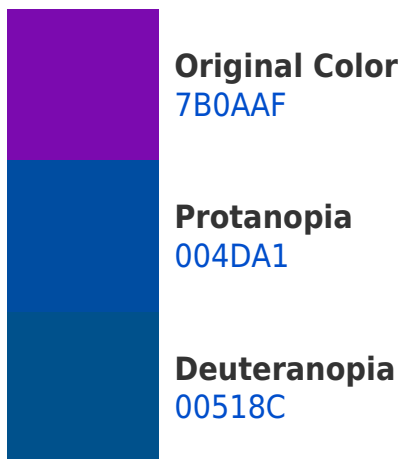



This preview shows how white text looks on a background with the Hex color 7B0AAF.

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
6A454A

Trichromacy



Original Color
7B0AAF



Protanomaly
2D35A6



Deuteranomaly
2D3799



Tritanomaly
70306F

Monochromacy



Original Color
7B0AAF



Achromatopsia
3F3F3F



Achromatomaly
552C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0AAF 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 #7B0AAF looks like.

```
.text, #text, p{  
    color:#7B0AAF  
}
```

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 #7B0AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0AAF
}
```

Border

The CSS property to change the border of an element to Hex 7B0AAF 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
#7B0AAF }
```

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

```
.border{ border-color:#7B0AAF }
```

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

Here you see how a box with a 4 pixel #7B0AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0AAF; -webkit-box-shadow:4px 4px  
4px 4px #7B0AAF; box-shadow:4px 4px 4px  
4px #7B0AAF }
```

Background

The CSS property to change the background color of an element to Hex 7B0AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0AAF }
```

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

```
.background{ background-color:#7B0AAF }
```

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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