

Converting Colors

Hex(7A00BD)

Have a look what the booklet for
Hex(7A00BD) contains.

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Color

Hex(7A00BD)

Conversions

Conversions Part 1

Format	Color
Hex	7A00BD
RGB	122, 0, 189
RGB Percent	48%, 0%, 74%
CMY	0.5216, 1.0000, 0.2588
CMYK	0.35, 1.00, 0.00, 0.26
HSL	279°, 100%, 37%
HSV	279°, 100%, 74%
XYZ	17.2113, 7.8117, 48.7448
YIQ	58.0240, 12.0430, 84.6430

Conversions

Conversions Part 2

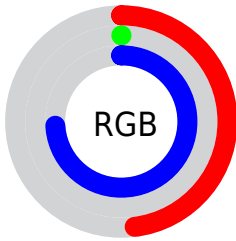
Format	Color
R_{YB}	122, 0, 189
Decimal	7995581
CIE _{Lab}	33.59, 69.14, -67.50
CIE _{LCh}	34, 96.625, 315.685
Yxy	7.8117, 0.2333, 0.1059
Android (android.graphics.Color)	4286185661 (0xFF7A00BD)
YUV	58.0240, 64.5712, 56.1070
Hunter-Lab	27.9494, 61.0094, -83.8393

Details

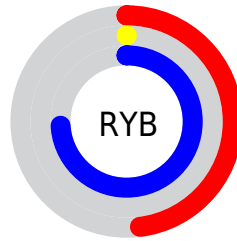
The Hex color **7A00BD** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **43BD00**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **B54CF6**, and **3F0086** is the 20% darker color. If you saturate the color by 10%, you get **7A00BD**, and if you desaturate by 10%, it is **8113BD**.

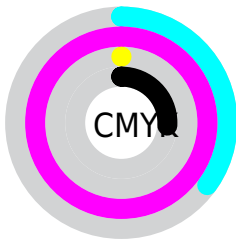
Distribution



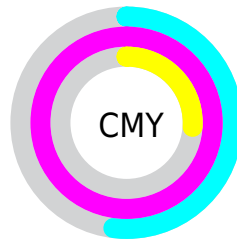
- Red (48%)
- Green (0%)
- Blue (74%)



- Red (48%)
- Yellow (0%)
- Blue (74%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (52%)
- Magenta (100%)
- Yellow (26%)
- Black (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A00BD 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 7A00BD by changing the saturation by 10% instead.

 7A00BD

 7A00BD

FFFFFF

 5D00A1

 B54CF6

 3F0086

 D268FF

 1E006C

 F084FF

 000053

 FFA0FF

 00063A

 FFBDFE

 000224

 FFDAFF

 00000B

 FFF7FF

 000000

 7A00BD

 8113BD

 8726BD

 8E39BD

 954CBD

 9C5FBD

 A271BD

 A984BD

 B097BD

 B6AABD

Harmonies

Analogous

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



004EE8



7A00BD



BD0077

Triad

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



7A00BD



7F3E00



006977

Complementary

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



7A00BD



43BD00

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.



006725



7A00BD



3A5800

Square

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



7A00BD



AF0000



006300



006ABE

Rectangle

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



7A00BD



C90045



006300



00685D

Sweetspot

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



7A00BD



DBABF5



0045BD



6B4E7A



FAFAFA



7A7A7A

Same Dimension

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



7A00BD



9E00F5



BD00A4



5B555E



66009E



14001F

Inverse Universe

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



BD0043



F50057



00BD19



5E5558



9E0038



1F000B

Previews

White Background



This preview shows how the Hex color 7A00BD looks on a white background.

Color Contrast Check

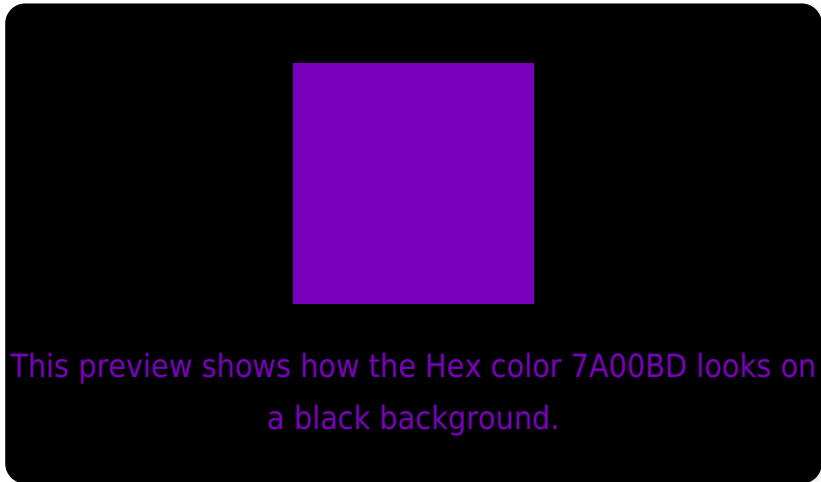
Large Text (above 18pt) WCAG AA ✓ Pass

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

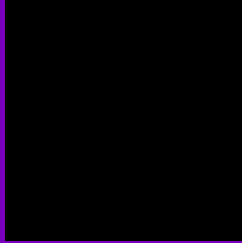
Any Text WCAG AA × Fail

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 7A00BD Background



This preview shows how black text looks on a background with the Hex color 7A00BD.



This preview shows how white text looks on a background with the Hex color 7A00BD.

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](#).

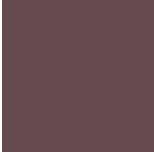
Dichromacy



Original Color
7A00BD

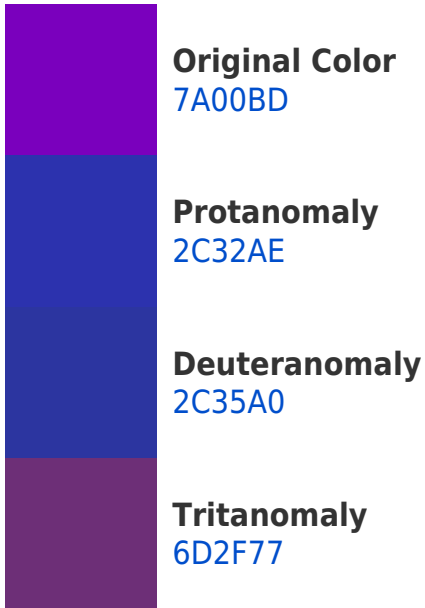
Protanopia
004FA5

Deuteranopia
00548F

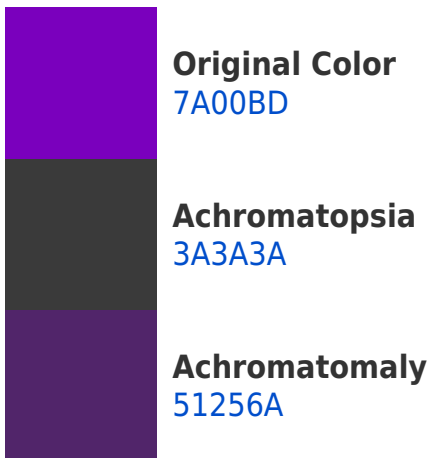


Tritanopia
654A4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A00BD 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 #7A00BD looks like.

```
.text, #text, p{  
    color:#7A00BD  
}
```

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 #7A00BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A00BD
}
```

Border

The CSS property to change the border of an element to Hex 7A00BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

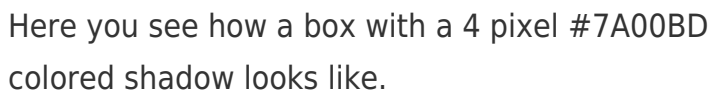
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A00BD }
```

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

```
.border{ border-color:#7A00BD }
```

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



Here you see how a box with a 4 pixel #7A00BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A00BD; -webkit-box-shadow:4px 4px  
4px 4px #7A00BD; box-shadow:4px 4px 4px  
4px #7A00BD }
```

Background

The CSS property to change the background color of an element to Hex 7A00BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A00BD }
```

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

```
.background{ background-color:#7A00BD }
```

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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