

Converting Colors

Hex(7A007C)

Have a look what the booklet for
Hex(7A007C) contains.

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Color

Hex(7A007C)

Conversions

Conversions Part 1

Format	Color
Hex	7A007C
RGB	122, 0, 124
RGB Percent	48%, 0%, 49%
CMY	0.5216, 1.0000, 0.5137
CMYK	0.02, 1.00, 0.00, 0.51
HSL	299°, 100%, 24%
HSV	299°, 100%, 49%
XYZ	11.6641, 5.5928, 19.5335
YIQ	50.6140, 32.9080, 64.4280

Conversions

Conversions Part 2

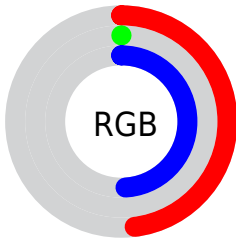
Format	Color
RYB	122, 0, 124
Decimal	7995516
CIELab	28.36, 57.26, -36.31
CIELCh	28, 67.804, 327.617
Yxy	5.5928, 0.3170, 0.1520
Android (android.graphics.Color)	4286185596 (0xFF7A007C)
YUV	50.6140, 36.1793, 62.6055
Hunter-Lab	23.6491, 46.6531, -32.4175

Details

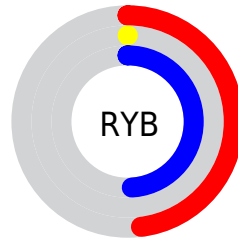
The Hex color **7A007C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **027C00**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **B247B1**, and **44004A** is the 20% darker color. If you saturate the color by 10%, you get **7A007C**, and if you desaturate by 10%, it is **7A0C7C**.

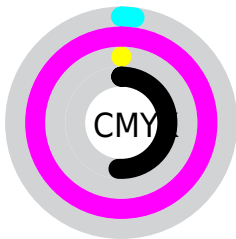
Distribution



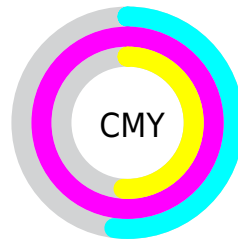
- Red (48%)
- Green (0%)
- Blue (49%)



- Red (48%)
- Yellow (0%)
- Blue (49%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A007C 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 7A007C by changing the saturation by 10% instead.

 7A007C

 7A007C

FFFFFF

 5F0063

 B247B1

 44004A

 CF62CD

 2D0033

 EC7DE9

 00001D

 FF99FF

 000000

 FFB5FF

 FFD2FF

 FFEFFF

 7A007C

 7A0C7C

 7A197C

 7B257C

 7B327C

 7B3E7C

 7B4A7C

 7B577C

 7C637C

 7C707C

Harmonies

Analogous

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



1E37A2



7A007C



97004A

Triad

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



7A007C



564000



005773

Complementary

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



7A007C



027C00

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.



00563D



7A007C



204D00

Square

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



7A007C



7D2500



005300



00559C

Rectangle

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



7A007C



980028



005300



005761

Sweetspot

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



7A007C



A070A1



00027C



513452



D1D1D1



525252

Same Dimension

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



7A007C



9E00A1



7C0040



3D373D



7B007D



F800FC

Inverse Universe

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



7C0002



A10003



007C3C



3D3737



7D0002



FC0004

Previews

White Background



This preview shows how the Hex color 7A007C looks on a white background.

Color Contrast Check

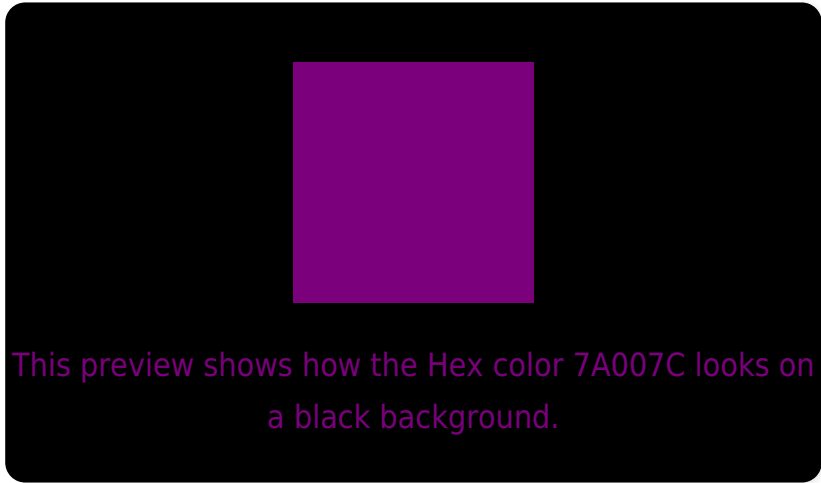
Large Text (above 18pt) WCAG AA ✓ Pass

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

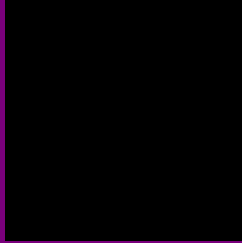
Any Text WCAG AA × Fail

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 7A007C Background



This preview shows how black text looks on a background with the Hex color 7A007C.



This preview shows how white text looks on a background with the Hex color 7A007C.

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
7A007C

Protanopia
00448F

Deuteranopia
284775



Tritanopia
723134

Trichromacy



Original Color
7A007C



Protanomaly
2C2B88



Deuteranomaly
462D78



Tritanomaly
751F4E

Monochromacy



Original Color
7A007C



Achromatopsia
333333



Achromatomaly
4D204E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A007C 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 #7A007C looks like.

```
.text, #text, p{  
    color:#7A007C  
}
```

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 #7A007C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A007C
}
```

Border

The CSS property to change the border of an element to Hex 7A007C is called "border". The border property can be set on classes, ids or directly on the HTML element.

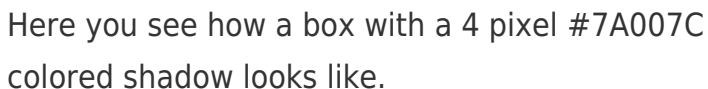
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A007C }
```

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

```
.border{ border-color:#7A007C }
```

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



Here you see how a box with a 4 pixel `#7A007C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A007C; -webkit-box-shadow:4px 4px  
4px 4px #7A007C; box-shadow:4px 4px 4px  
4px #7A007C }
```

Background

The CSS property to change the background color of an element to Hex 7A007C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A007C }
```

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

```
.background{ background-color:#7A007C }
```

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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