

Converting Colors

Hex(7C007A)

Have a look what the booklet for
Hex(7C007A) contains.

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Color

Hex(7C007A)

Conversions

Conversions Part 1

Format	Color
Hex	7C007A
RGB	124, 0, 122
RGB Percent	49%, 0%, 48%
CMY	0.5137, 1.0000, 0.5216
CMYK	0.00, 1.00, 0.02, 0.51
HSL	301°, 100%, 24%
HSV	301°, 100%, 49%
XYZ	11.8250, 5.6902, 18.8874
YIQ	50.9840, 34.7420, 64.2300

Conversions

Conversions Part 2

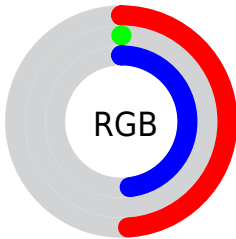
Format	Color
RYB	124, 0, 122
Decimal	8126586
CIELab	28.62, 57.29, -34.61
CIElCh	29, 66.938, 328.861
Yxy	5.6902, 0.3248, 0.1563
Android (android.graphics.Color)	4286316666 (0xFF7C007A)
YUV	50.9840, 35.0109, 64.0350
Hunter-Lab	23.8542, 46.7414, -30.2471

Details

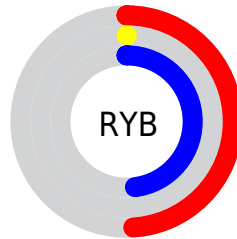
The Hex color **7C007A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **007C02**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **B447AF**, and **460049** is the 20% darker color. If you saturate the color by 10%, you get **7C007A**, and if you desaturate by 10%, it is **7C0C7A**.

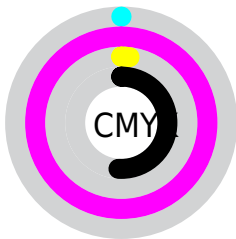
Distribution



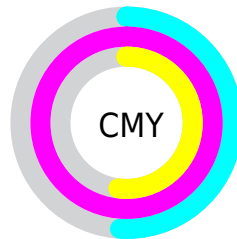
- Red (49%)
- Green (0%)
- Blue (48%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 7C007A 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 7C007A by changing the saturation by 10% instead.

 7C007A

 7C007A

FFFFFF

 610061

 B447AF

 460049

 D162CB

 2F0032

 EE7EE7

 04001B

 FF99FF

 000000

 FFB6FF

 FFD2FF

 FFEFFF

 7C007A

 7C0C7A

 7C197A

 7C257B

 7C327B

 7C3E7B

 7C4A7B

 7C577B

 7C637C

 7C707C

Harmonies

Analogous

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



2A36A0



7C007A



970048

Triad

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



7C007A



554100



005875

Complementary

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



7C007A



007C02

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.



005740



7C007A



1F4E00

Square

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



7C007A



7C2700



005401



00559D

Rectangle

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



7C007A



980026



005401



005764

Sweetspot

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



7C007A



A170A0



00007C



523451



D1D1D1



525252

Same Dimension

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



7C007A



A1009E



7C003E



3D373D



7D007B



FC00F8

Inverse Universe

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



7C007A



A1009E



007C3E



3D373D



7D007B



FC00F8

Previews

White Background



This preview shows how the Hex color 7C007A 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

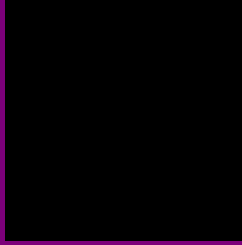
Any Text WCAG AA × Fail

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 7C007A Background



This preview shows how black text looks on a background with the Hex color 7C007A.

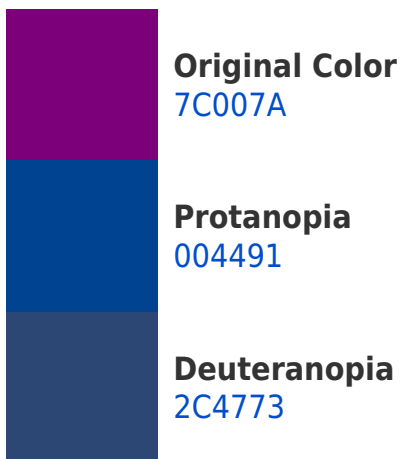



This preview shows how white text looks on a background with the Hex color 7C007A.

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
743033

Trichromacy



Original Color
7C007A



Protanomaly
2D2B89



Deuteranomaly
492D76



Tritanomaly
771F4D

Monochromacy



Original Color
7C007A



Achromatopsia
333333



Achromatomaly
4E204D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C007A 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 #7C007A looks like.

```
.text, #text, p{  
    color:#7C007A  
}
```

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 #7C007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C007A
}
```

Border

The CSS property to change the border of an element to Hex 7C007A 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
#7C007A }
```

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

```
.border{ border-color:#7C007A }
```

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

Here you see how a box with a 4 pixel #7C007A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C007A; -webkit-box-shadow:4px 4px  
4px 4px #7C007A; box-shadow:4px 4px 4px  
4px #7C007A }
```

Background

The CSS property to change the background color of an element to Hex 7C007A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C007A }
```

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

```
.background{ background-color:#7C007A }
```

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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