

Converting Colors

Hex(7A009C)

Have a look what the booklet for
Hex(7A009C) contains.

Hex(7A009C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A009C)

Conversions

Conversions Part 1

Format	Color
Hex	7A009C
RGB	122, 0, 156
RGB Percent	48%, 0%, 61%
CMY	0.5216, 1.0000, 0.3882
CMYK	0.22, 1.00, 0.00, 0.39
HSL	287°, 100%, 31%
HSV	287°, 100%, 61%
XYZ	14.0268, 6.5379, 31.9751
YIQ	54.2620, 22.6360, 74.3800

Conversions

Conversions Part 2

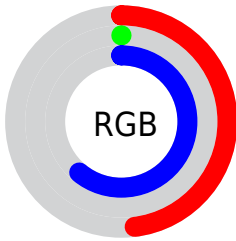
Format	Color
R_{YB}	122, 0, 156
Decimal	7995548
CIE _{Lab}	30.73, 62.80, -52.37
CIE _{LCh}	31, 81.769, 320.177
Yxy	6.5379, 0.2670, 0.1244
Android (android.graphics.Color)	4286185628 (0xFF7A009C)
YUV	54.2620, 50.1568, 59.4062
Hunter-Lab	25.5693, 53.1753, -56.2454

Details

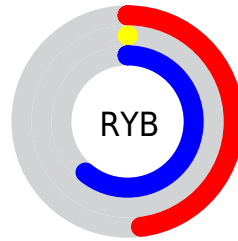
The Hex color **7A009C** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **229C00**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **B349D3**, and **430068** is the 20% darker color. If you saturate the color by 10%, you get **7A009C**, and if you desaturate by 10%, it is **7D109C**.

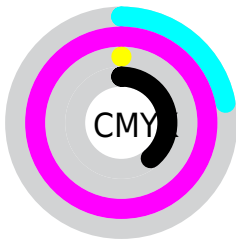
Distribution



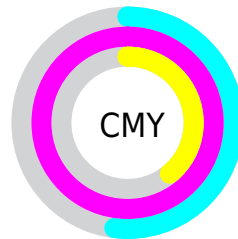
- Red (48%)
- Green (0%)
- Blue (61%)



- Red (48%)
- Yellow (0%)
- Blue (61%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (52%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A009C 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 7A009C by changing the saturation by 10% instead.

 7A009C

 7A009C

FFFFFF

 5E0081

 B349D3

 430068

 D065F0

 2A004F

 ED80FF

 010037

 FF9CFF

 000220

 FFB9FF

 000005


 FFD5FF

 000000

 FFF3FF

 7A009C

 7D109C

 811F9C

 842F9C

 883E9C

 8B4E9C

 8E5E9C

 926D9C

 957D9C

 998C9C

Harmonies

Analogous

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



0043C4



7A009C



A90060

Triad

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



7A009C



6B3F00



005F73

Complementary

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



7A009C



229C00

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.



005E30



7A009C



2E5200

Square

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



7A009C



950700



005A00



005FAC

Rectangle

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



7A009C



B00037



005A00



005F5E

Sweetspot

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



7A009C



BF8FCC



00249C



5E4166



E6E6E6



666666

Same Dimension

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



7A009C



A000CC



9C0072



4D474F



70008F



0C000F

Inverse Universe

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



9C0022



CC002C



009C2A



4F4749



8F001F



0F0003

Previews

White Background



This preview shows how the Hex color 7A009C looks on a white background.

Color Contrast Check

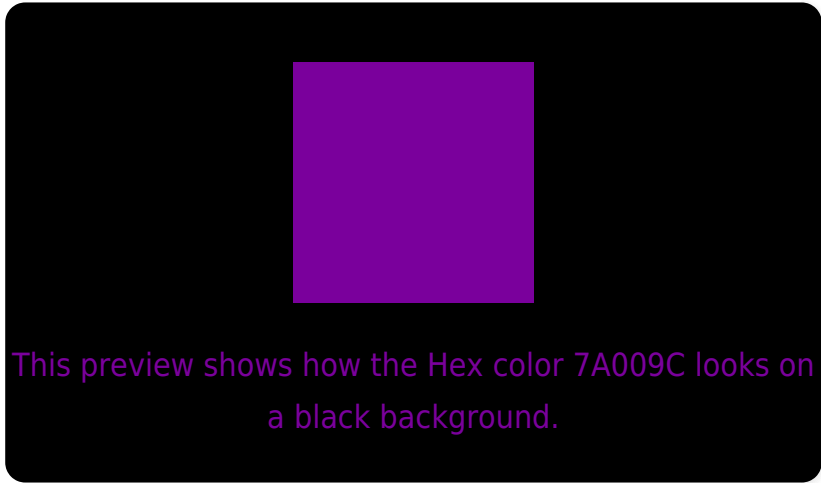
Large Text (above 18pt) WCAG AA ✓ Pass

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

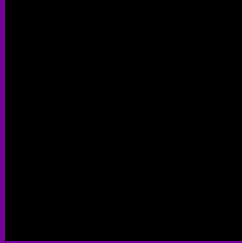
Any Text WCAG AA × Fail

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 7A009C Background



This preview shows how black text looks on a background with the Hex color 7A009C.

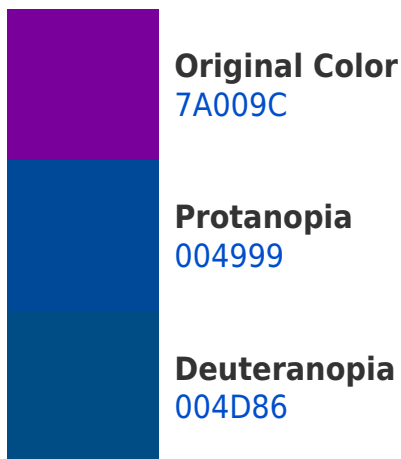


This preview shows how white text looks on a background with the Hex color 7A009C.

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
6D3D42

Trichromacy



Original Color

7A009C



Protanomaly

2C2E9A



Deuteranomaly

2C318E



Tritanomaly

722763

Monochromacy



Original Color

7A009C



Achromatopsia

363636



Achromatomaly

4F225B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A009C 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 #7A009C looks like.

```
.text, #text, p{  
    color:#7A009C  
}
```

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 #7A009C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A009C
}
```

Border

The CSS property to change the border of an element to Hex 7A009C is called "border". The border property can be set on classes, ids or directly on the HTML element.

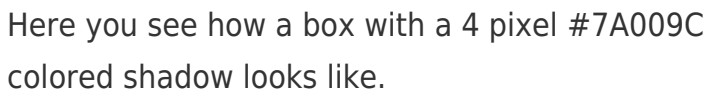
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A009C }
```

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

```
.border{ border-color:#7A009C }
```

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



Here you see how a box with a 4 pixel #7A009C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A009C; -webkit-box-shadow:4px 4px  
4px 4px #7A009C; box-shadow:4px 4px 4px  
4px #7A009C }
```

Background

The CSS property to change the background color of an element to Hex 7A009C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A009C }
```

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

```
.background{ background-color:#7A009C }
```

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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