

# Converting Colors

Hex(7F0A9B)

Have a look what the booklet for  
Hex(7F0A9B) contains.

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**Color**

**Hex(7F0A9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F0A9B
RGB	127, 10, 155
RGB Percent	50%, 4%, 61%
CMY	0.5020, 0.9608, 0.3922
CMYK	0.18, 0.94, 0.00, 0.39
HSL	288°, 88%, 32%
HSV	288°, 94%, 61%
XYZ	14.7773, 7.0957, 31.6011
YIQ	61.5130, 23.1870, 69.8990

# Conversions

## Conversions Part 2

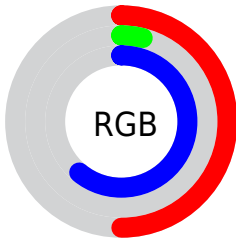
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 10, 155
Decimal	8325787
CIE <sub>Lab</sub>	32.02, 61.86, -49.62
CIE <sub>LCh</sub>	32, 79.300, 321.267
Yxy	7.0957, 0.2763, 0.1327
Android (android.graphics.Color)	4286515867 (0xFF7F0A9B)
YUV	61.5130, 46.0891, 57.4321
Hunter-Lab	26.6377, 52.4074, -51.6911

# Details

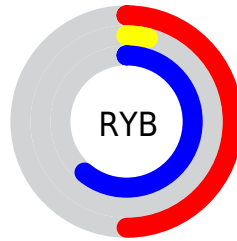
The Hex color **7F0A9B** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **269B0A**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B84DD2**, and **480067** is the 20% darker color. If you saturate the color by 10%, you get **7D009B**, and if you desaturate by 10%, it is **82199B**.

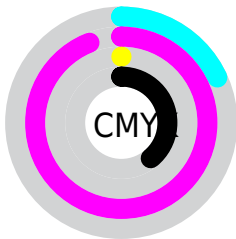
# Distribution



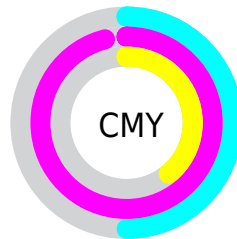
- Red (50%)
- Green (4%)
- Blue (61%)



- Red (50%)
- Yellow (4%)
- Blue (61%)



- Cyan (18%)
- Magenta (94%)
- Yellow (0%)
- Black (39%)



- Cyan (50%)
- Magenta (96%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F0A9B 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 7F0A9B by changing the saturation by 10% instead.



7F0A9B

7F0A9B

FFFFFF

630080

B84DD2

480067

D569EF

2E004E

F285FF

0E0036

FFA0FF

000220

FFBDFE

000003

FFDAFF

000000

FFF7FF

7F0A9B

7F0A9B

7D009B

82199B

85299B

88389B

8B489B

8E579B

91679B

94769B

97869B

9A959B

# Harmonies

## Analogous

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



0044C3



7F0A9B



AB0060

# Triad

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



7F0A9B



6C4300



006378

# Complementary

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



7F0A9B



269B0A

# 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.



006136



7F0A9B



315500

# Square

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



7F0A9B



971700



005E00



0062AE

# Rectangle

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



7F0A9B



B10038



005E00



006262



# Sweetspot

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



7F0A9B



BF91C9



0A279B



5F4366



E6E6E6



666666



# Same Dimension

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



7F0A9B



A300C9



9B0A70



4B454D



71008C



0A000D



# Inverse Universe

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



9B0A26



C90027



0A9B36



4D4546



8C001B



0D0002



# Previews

## White Background



This preview shows how the Hex color 7F0A9B looks on a white background.

## Color Contrast Check

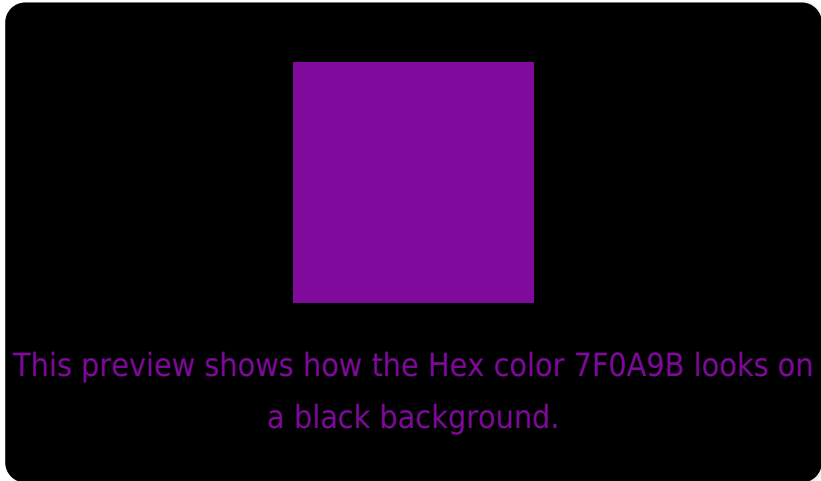
Large Text (above 18pt) WCAG AA ✓ Pass

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

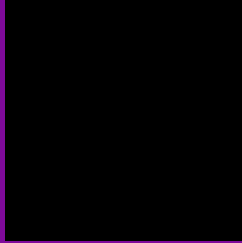
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F0A9B Background



This preview shows how black text looks on a background with the Hex color 7F0A9B.

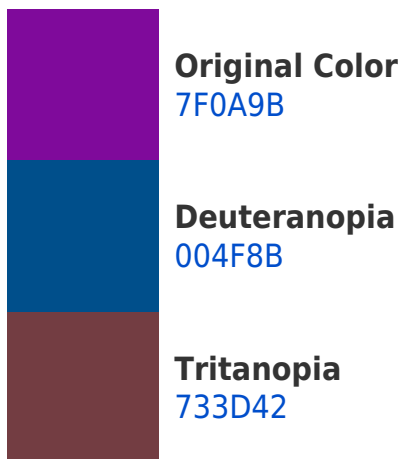


This preview shows how white text looks on a background with the Hex color 7F0A9B.

# 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



# Trichromacy



**Original Color**  
7F0A9B

**Deuteranomaly**  
2E3691

**Tritanomaly**  
772A62

# Monochromacy



**Original Color**  
7F0A9B

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
562B60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F0A9B 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 #7F0A9B looks like.

```
.text, #text, p{  
    color:#7F0A9B  
}
```

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 #7F0A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0A9B
}
```

## Border

The CSS property to change the border of an element to Hex 7F0A9B 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".

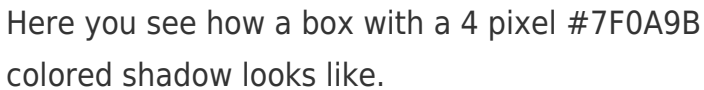
```
.border, #border, table{ border:4px solid
#7F0A9B }
```

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

```
.border{ border-color:#7F0A9B }
```

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

Here you see how a box with a 4 pixel #7F0A9B colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0A9B; -webkit-box-shadow:4px 4px  
4px 4px #7F0A9B; box-shadow:4px 4px 4px  
4px #7F0A9B }
```

# Background

The CSS property to change the background color of an element to Hex 7F0A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0A9B }
```

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

```
.background{ background-color:#7F0A9B }
```

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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