

Converting Colors

Hex(7A0198)

Have a look what the booklet for
Hex(7A0198) contains.

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Color

Hex(7A0198)

Conversions

Conversions Part 1

Format	Color
Hex	7A0198
RGB	122, 1, 152
RGB Percent	48%, 0%, 60%
CMY	0.5216, 0.9961, 0.4039
CMYK	0.20, 0.99, 0.00, 0.40
HSL	288°, 99%, 30%
HSV	288°, 99%, 60%
XYZ	13.7044, 6.4263, 30.2239
YIQ	54.3930, 23.6450, 72.6130

Conversions

Conversions Part 2

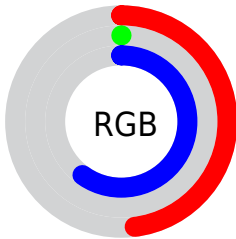
Format	Color
R_{YB}	122, 1, 152
Decimal	7995800
CIE _{Lab}	30.46, 61.91, -50.36
CIE _{LCh}	30, 79.805, 320.878
Yxy	6.4263, 0.2722, 0.1276
Android (android.graphics.Color)	4286185880 (0xFF7A0198)
YUV	54.3930, 48.1203, 59.2913
Hunter-Lab	25.3501, 52.1352, -52.9439

Details

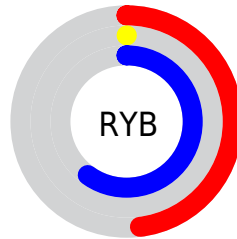
The Hex color **7A0198** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **1F9801**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **B349CF**, and **430064** is the 20% darker color. If you saturate the color by 10%, you get **7A0098**, and if you desaturate by 10%, it is **7D1098**.

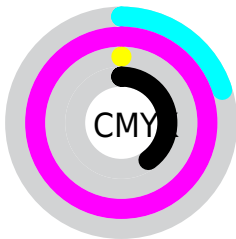
Distribution



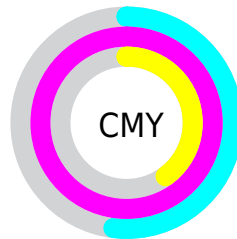
- Red (48%)
- Green (0%)
- Blue (60%)



- Red (48%)
- Yellow (0%)
- Blue (60%)



- Cyan (20%)
- Magenta (99%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A0198 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 7A0198 by changing the saturation by 10% instead.

7A0198

7A0198

FFFFFF

5E007E

B349CF

430064

D065EC

2B004B

ED80FF

020034

FF9CFF

00021D

FFB8FF

000000

FFD5FF

FFF2FF

7A0198

7A0198

■ 7A0098

■ 7D1098

■ 801F98

■ 832F98

■ 863E98

■ 894D98

■ 8C5C98

■ 8F6B98

■ 927B98

■ 958A98

Harmonies

Analogous

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



0041C0



7A0198



A6005E

Triad

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



7A0198



683F00



005E73

Complementary

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



7A0198



1F9801

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.



005D32



7A0198



2D5100

Square

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



7A0198



920E00



005A00



005EAA

Rectangle

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



7A0198



AD0035



005A00



005E5E

Sweetspot

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



7A0198



B989C4



011F98



5C4063



E3E3E3



636363

Same Dimension

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



7A0198



9D00C4



98016B



4B454D



70008C



0A000D

Inverse Universe

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



98011F



C40027



01982E



4D4546



8C001C



0D0003

Previews

White Background



This preview shows how the Hex color 7A0198 looks on a white background.

Color Contrast Check

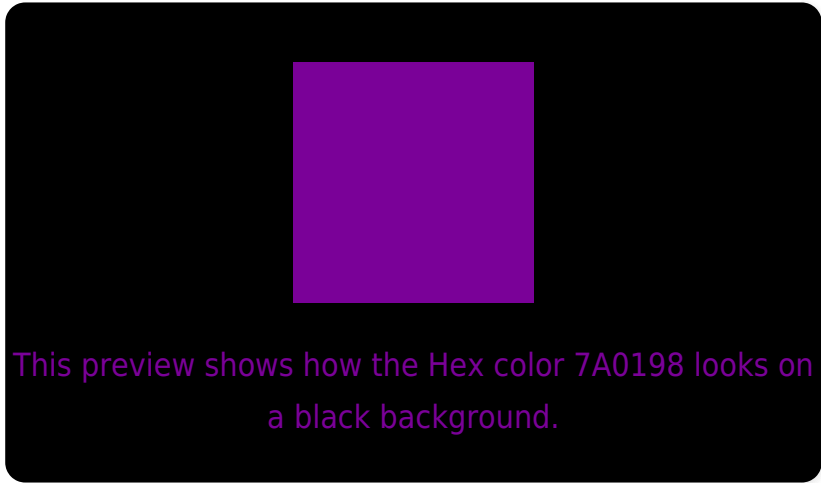
Large Text (above 18pt) WCAG AA ✓ Pass

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

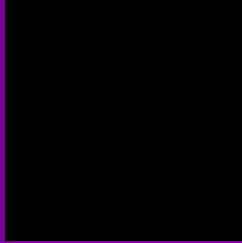
Any Text WCAG AA × Fail

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 7A0198 Background



This preview shows how black text looks on a background with the Hex color 7A0198.

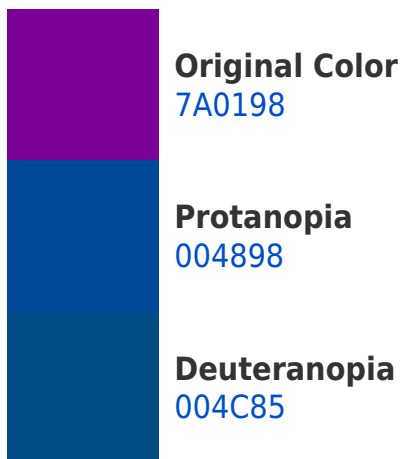


This preview shows how white text looks on a background with the Hex color 7A0198.

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
6D3C40

Trichromacy



Original Color

7A0198



Protanomaly

2C2E98



Deuteranomaly

2C318C



Tritanomaly

722760

Monochromacy



Original Color

7A0198



Achromatopsia

363636



Achromatomaly

4F235A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A0198 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 #7A0198 looks like.

```
.text, #text, p{  
    color:#7A0198  
}
```

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 #7A0198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A0198
}
```

Border

The CSS property to change the border of an element to Hex 7A0198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

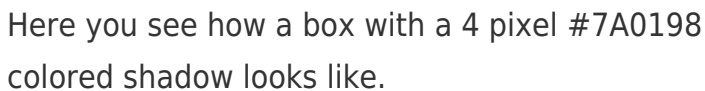
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A0198 }
```

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

```
.border{ border-color:#7A0198 }
```

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



Here you see how a box with a 4 pixel #7A0198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A0198; -webkit-box-shadow:4px 4px  
4px 4px #7A0198; box-shadow:4px 4px 4px  
4px #7A0198 }
```

Background

The CSS property to change the background color of an element to Hex 7A0198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A0198 }
```

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

```
.background{ background-color:#7A0198 }
```

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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