

Converting Colors

Hex(7A198E)

Have a look what the booklet for
Hex(7A198E) contains.

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Color

Hex(7A198E)

Conversions

Conversions Part 1

Format	Color
Hex	7A198E
RGB	122, 25, 142
RGB Percent	48%, 10%, 56%
CMY	0.5216, 0.9020, 0.4431
CMYK	0.14, 0.82, 0.00, 0.44
HSL	290°, 70%, 33%
HSV	290°, 82%, 56%
XYZ	13.2562, 6.7858, 26.2023
YIQ	67.3410, 20.2550, 56.9510

Conversions

Conversions Part 2

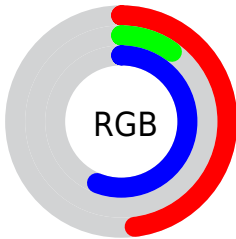
Format	Color
R_{YB}	122, 25, 142
Decimal	8001934
CIE Lab	31.31, 55.36, -42.82
CIE LCh	31, 69.987, 322.274
Yxy	6.7858, 0.2867, 0.1467
Android (android.graphics.Color)	4286192014 (0xFF7A198E)
YUV	67.3410, 36.8069, 47.9359
Hunter-Lab	26.0496, 45.2484, -41.4028

Details

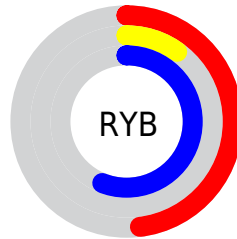
The Hex color **7A198E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2D8E19**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B252C4**, and **44005B** is the 20% darker color. If you saturate the color by 10%, you get **780B8E**, and if you desaturate by 10%, it is **7C278E**.

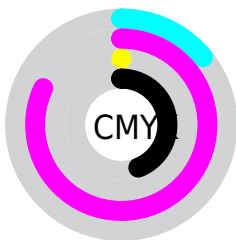
Distribution



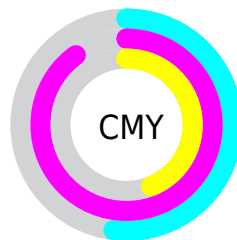
- Red (48%)
- Green (10%)
- Blue (56%)



- Red (48%)
- Yellow (10%)
- Blue (56%)



- Cyan (14%)
- Magenta (82%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (90%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A198E 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 7A198E by changing the saturation by 10% instead.

7A198E

7A198E

FFFFFF

5F0074

B252C4

44005B

CE6DE1

2D0043

EC88FE

09002C

FFA4FF

000116

FFC0FF

000000

FFDDFF

FFFAFF

7A198E

7A198E

 780B8E

 7C278E

 76008E

 7F358E

 81448E

 84528E

 86608E

 896E8E

 8B7C8E

 8D8B8E

 90998E

Harmonies

Analogous

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



0042B1



7A198E



9F005A

Triad

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



7A198E



674300



005F72

Complementary

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



7A198E



2D8E19

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.



005E39



7A198E



335300

Square

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



7A198E



8D2300



005B00



005EA1

Rectangle

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



7A198E



A40036



005B00



005F60

Sweetspot

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



7A198E



B08AB8



192E8E



57405C



DBDBDB



5C5C5C

Same Dimension

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



7A198E



9902B8



8E1969



464047



700087



060008

Inverse Universe

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



8E192D



B80221



198E3E



474041



870017



080001

Previews

White Background



This preview shows how the Hex color 7A198E looks on a white background.

Color Contrast Check

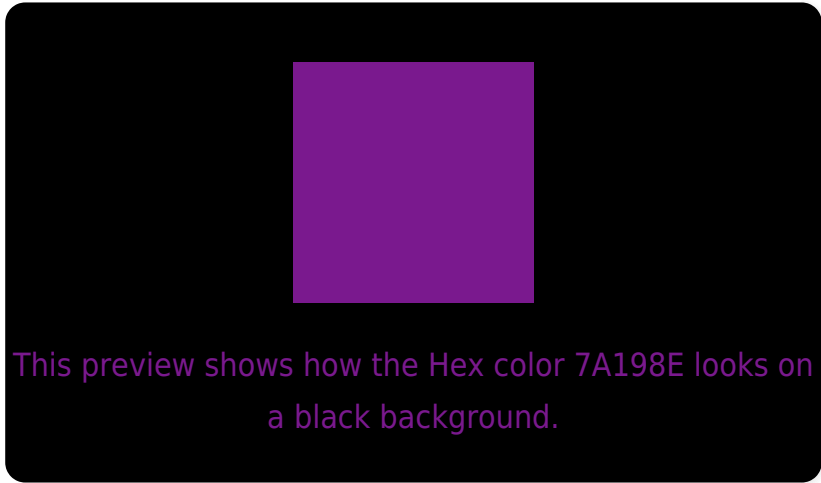
Large Text (above 18pt) WCAG AA ✓ Pass

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

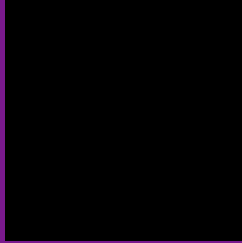
Any Text WCAG AA × Fail

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 7A198E Background



This preview shows how black text looks on a background with the Hex color 7A198E.



This preview shows how white text looks on a background with the Hex color 7A198E.

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](#).

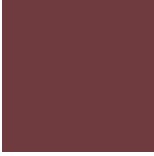
Dichromacy



Original Color
7A198E

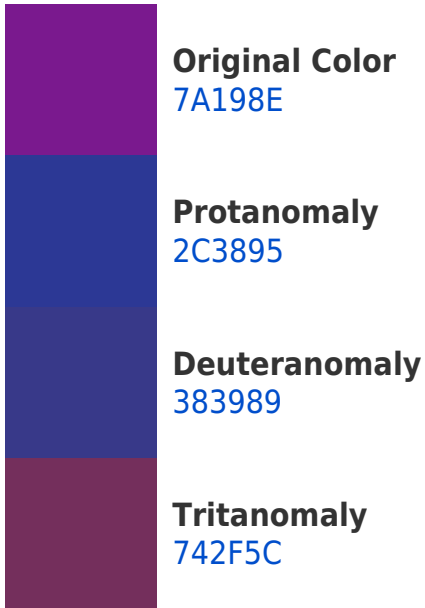
Protanopia
004999

Deuteranopia
124C86

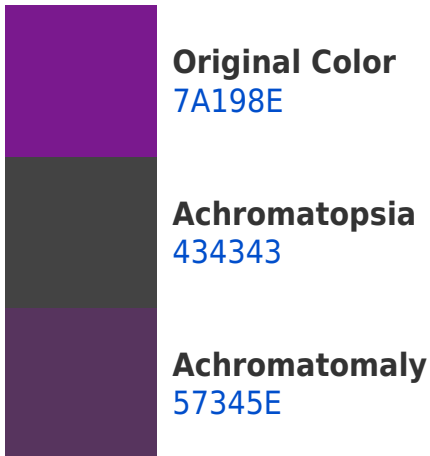


Tritanopia
703B3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A198E 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 #7A198E looks like.

```
.text, #text, p{  
    color:#7A198E  
}
```

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 #7A198E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A198E
}
```

Border

The CSS property to change the border of an element to Hex 7A198E is called "border". The border property can be set on classes, ids or directly on the HTML element.

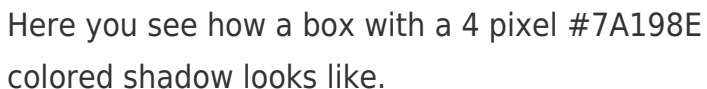
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A198E }
```

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

```
.border{ border-color:#7A198E }
```

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



Here you see how a box with a 4 pixel #7A198E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A198E; -webkit-box-shadow:4px 4px  
4px 4px #7A198E; box-shadow:4px 4px 4px  
4px #7A198E }
```

Background

The CSS property to change the background color of an element to Hex 7A198E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A198E }
```

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

```
.background{ background-color:#7A198E }
```

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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