

Converting Colors

Hex(7A1A7E)

Have a look what the booklet for
Hex(7A1A7E) contains.

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Color

Hex(7A1A7E)

Conversions

Conversions Part 1

Format	Color
Hex	7A1A7E
RGB	122, 26, 126
RGB Percent	48%, 10%, 49%
CMY	0.5216, 0.8980, 0.5059
CMYK	0.03, 0.79, 0.00, 0.51
HSL	298°, 66%, 30%
HSV	298°, 79%, 49%
XYZ	12.1613, 6.3827, 20.3297
YIQ	66.1040, 25.1160, 51.4520

Conversions

Conversions Part 2

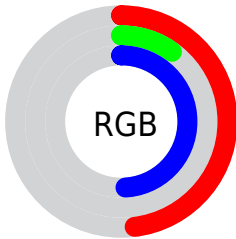
Format	Color
R_{YB}	122, 26, 126
Decimal	8002174
CIE _{Lab}	30.36, 52.13, -34.38
CIE _{LCh}	30, 62.449, 326.594
Yxy	6.3827, 0.3128, 0.1642
Android (android.graphics.Color)	4286192254 (0xFF7A1A7E)
YUV	66.1040, 29.5287, 49.0208
Hunter-Lab	25.2640, 41.7123, -30.0251

Details

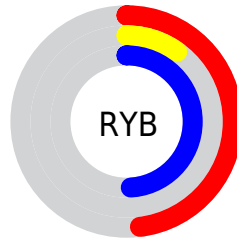
The Hex color **7A1A7E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1E7E1A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **B152B3**, and **45004C** is the 20% darker color. If you saturate the color by 10%, you get **790D7E**, and if you desaturate by 10%, it is **7B277E**.

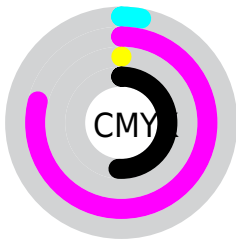
Distribution



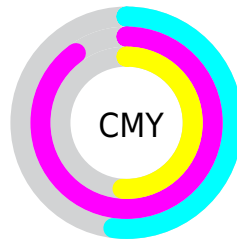
- Red (48%)
- Green (10%)
- Blue (49%)



- Red (48%)
- Yellow (10%)
- Blue (49%)



- Cyan (3%)
- Magenta (79%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (90%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A1A7E 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 7A1A7E by changing the saturation by 10% instead.

 7A1A7E

 7A1A7E

FFFFFF

 5F0065

 B152B3

 45004C

 CE6DCF

 2F0035

 EB88EB

 07001F

 FFA3FF

 000001

 FFBFFF

 000000

 FFDCCF

 FFF9FF

 7A1A7E

 7A1A7E

■ 790D7E

■ 7B277E

■ 79017E

■ 7B337E

■ 79007E

■ 7C407E

■ 7C4C7E

■ 7D597E

■ 7D667E

■ 7E727E

■ 7E7F7E

■ 7F8B7E

Harmonies

Analogous

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



2A3DA0



7A1A7E



96004F

Triad

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



7A1A7E



5D4400



005B72

Complementary

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



7A1A7E



1E7E1A

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.



005A40



7A1A7E



2E5100

Square

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



7A1A7E



812C00



005806



005999

Rectangle

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



7A1A7E



99002F



005806



005B62

Sweetspot

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



7A1A7E



A27CA3



1A1F7E



513A52



D1D1D1



525252

Same Dimension

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



7A1A7E



9D08A3



7E1A51



3F3940



7A0080



000000

Inverse Universe

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



7E1A1E



A3080E



1A7E47



40393A



800005



000000

Previews

White Background



This preview shows how the Hex color 7A1A7E looks on a white background.

Color Contrast Check

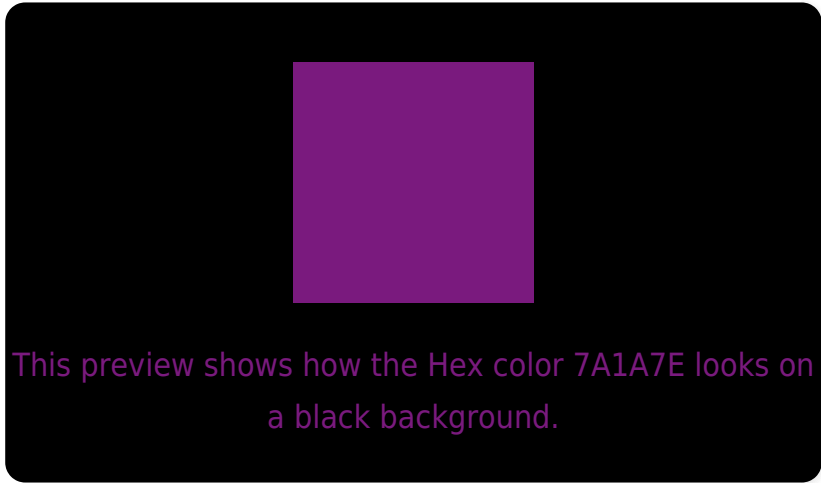
Large Text (above 18pt) WCAG AA ✓ Pass

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

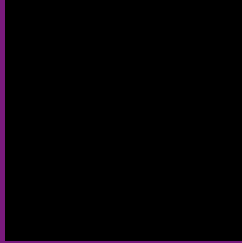
Any Text WCAG AA × Fail

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 7A1A7E Background



This preview shows how black text looks on a background with the Hex color 7A1A7E.




This preview shows how white text looks on a background with the Hex color 7A1A7E.

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
72363A

Trichromacy



Original Color
7A1A7E



Protanomaly
2C368D



Deuteranomaly
48387A



Tritanomaly
752C53

Monochromacy



Original Color
7A1A7E



Achromatopsia
424242



Achromatomaly
563358

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A1A7E 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 #7A1A7E looks like.

```
.text, #text, p{  
    color:#7A1A7E  
}
```

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 #7A1A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1A7E
}
```

Border

The CSS property to change the border of an element to Hex 7A1A7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

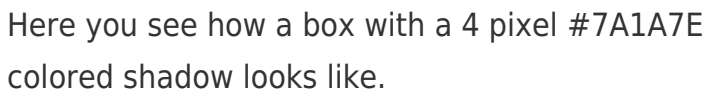
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A1A7E }
```

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

```
.border{ border-color:#7A1A7E }
```

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



Here you see how a box with a 4 pixel #7A1A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1A7E; -webkit-box-shadow:4px 4px  
4px 4px #7A1A7E; box-shadow:4px 4px 4px  
4px #7A1A7E }
```

Background

The CSS property to change the background color of an element to Hex 7A1A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1A7E }
```

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

```
.background{ background-color:#7A1A7E }
```

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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