

Converting Colors

Hex(7F0E8A)

Have a look what the booklet for
Hex(7F0E8A) contains.

Hex(7F0E8A)	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(7F0E8A)

Conversions

Conversions Part 1

Format	Color
Hex	7F0E8A
RGB	127, 14, 138
RGB Percent	50%, 5%, 54%
CMY	0.5020, 0.9451, 0.4588
CMYK	0.08, 0.90, 0.00, 0.46
HSL	295°, 82%, 30%
HSV	295°, 90%, 54%
XYZ	13.4969, 6.6611, 24.6191
YIQ	61.9230, 27.5440, 62.5200

Conversions

Conversions Part 2

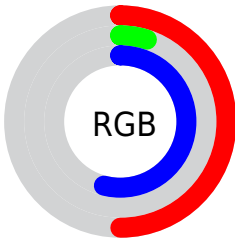
Format	Color
R_{YB}	127, 14, 138
Decimal	8326794
CIE _{Lab}	31.02, 58.17, -40.77
CIE _{LCh}	31, 71.037, 324.976
Yxy	6.6611, 0.3014, 0.1488
Android (android.graphics.Color)	4286516874 (0xFF7F0E8A)
YUV	61.9230, 37.5060, 57.0725
Hunter-Lab	25.8091, 48.1809, -38.4900

Details

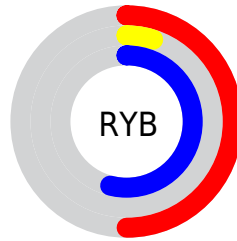
The Hex color **7F0E8A** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **198A0E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **B74EC0**, and **490057** is the 20% darker color. If you saturate the color by 10%, you get **7E008A**, and if you desaturate by 10%, it is **801C8A**.

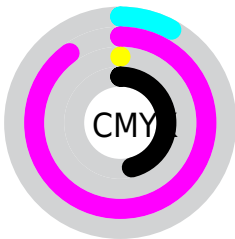
Distribution



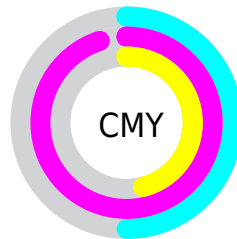
- Red (50%)
- Green (5%)
- Blue (54%)



- Red (50%)
- Yellow (5%)
- Blue (54%)



- Cyan (8%)
- Magenta (90%)
- Yellow (0%)
- Black (46%)



- Cyan (50%)
- Magenta (95%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F0E8A 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 7F0E8A by changing the saturation by 10% instead.

 7F0E8A

 7F0E8A

FFFFFF

 640070

 B74EC0

 490057

 D469DC

 31003F

 F184F9

 100028

 FFA0FF

 000112

 FFBCFF

 000000

 FFD9FF

 FFF6FF

 7F0E8A

 7F0E8A

■ 7E08A

■ 801C8A

■ 812A8A

■ 83378A

■ 84458A

■ 85538A

■ 86618A

■ 886F8A

■ 897C8A

■ 8A8A8A

Harmonies

Analogous

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



003FB0



7F0E8A



A10055

Triad

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



7F0E8A



624400



005F77

Complementary

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



7F0E8A



198A0E

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.



005D3E



7F0E8A



2B5300

Square

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



7F0E8A



8A2500



005A00



005DA5

Rectangle

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



7F0E8A



A40031



005A00



005E65

Sweetspot

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



7F0E8A



AE82B3



0E1A8A



573D59



D9D9D9



595959

Same Dimension

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



7F0E8A



A300B3



8A0E58



443E45



790085



050005

Inverse Universe

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



8A0E19



B30010



0E8A40



453E3F



85000C



050000

Previews

White Background



This preview shows how the Hex color 7F0E8A looks on a white background.

Color Contrast Check

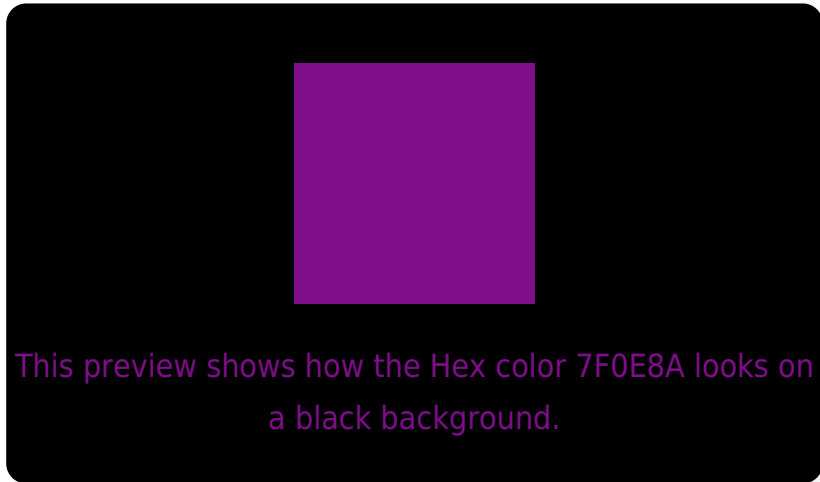
Large Text (above 18pt) WCAG AA ✓ Pass

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

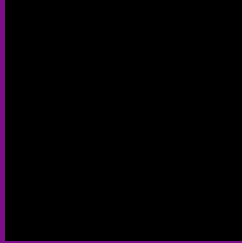
Any Text WCAG AA × Fail

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 7F0E8A Background



This preview shows how black text looks on a background with the Hex color 7F0E8A.



This preview shows how white text looks on a background with the Hex color 7F0E8A.

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
7F0E8A

Protanopia
004899

Deuteranopia
1F4C82



Tritanopia
75373B

Trichromacy



Original Color

7F0E8A



Protanomaly

2E3394



Deuteranomaly

423585



Tritanomaly

792858

Monochromacy



Original Color

7F0E8A



Achromatopsia

3E3E3E



Achromatomaly

562D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F0E8A 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 #7F0E8A looks like.

```
.text, #text, p{  
    color:#7F0E8A  
}
```

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 #7F0E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0E8A
}
```

Border

The CSS property to change the border of an element to Hex 7F0E8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

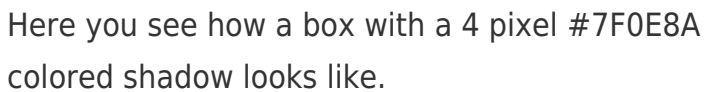
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F0E8A }
```

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

```
.border{ border-color:#7F0E8A }
```

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



Here you see how a box with a 4 pixel #7F0E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0E8A; -webkit-box-shadow:4px 4px  
4px 4px #7F0E8A; box-shadow:4px 4px 4px  
4px #7F0E8A }
```

Background

The CSS property to change the background color of an element to Hex 7F0E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0E8A }
```

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

```
.background{ background-color:#7F0E8A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor