

# Converting Colors

Hex(7E0E8B)

Have a look what the booklet for  
Hex(7E0E8B) contains.

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**Color**

**Hex(7E0E8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E0E8B
RGB	126, 14, 139
RGB Percent	49%, 5%, 55%
CMY	0.5059, 0.9451, 0.4549
CMYK	0.09, 0.90, 0.00, 0.45
HSL	294°, 82%, 30%
HSV	294°, 90%, 55%
XYZ	13.4214, 6.6138, 24.9953
YIQ	61.7380, 26.6270, 62.6190

# Conversions

## Conversions Part 2

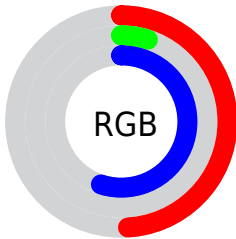
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 14, 139
Decimal	8261259
CIE <sub>Lab</sub>	30.91, 58.17, -41.58
CIE <sub>LCh</sub>	31, 71.500, 324.442
Yxy	6.6138, 0.2981, 0.1469
Android (android.graphics.Color)	4286451339 (0xFF7E0E8B)
YUV	61.7380, 38.0902, 56.3578
Hunter-Lab	25.7173, 48.1511, -39.6235

# Details

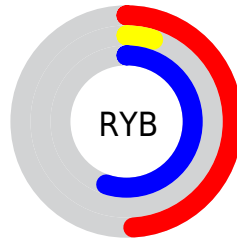
The Hex color **7E0E8B** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **1B8B0E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B64DC1**, and **480058** is the 20% darker color. If you saturate the color by 10%, you get **7D008B**, and if you desaturate by 10%, it is **7F1C8B**.

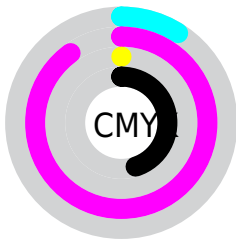
# Distribution



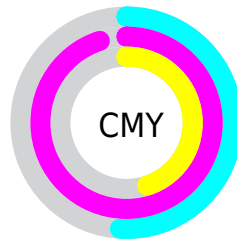
- Red (49%)
- Green (5%)
- Blue (55%)



- Red (49%)
- Yellow (5%)
- Blue (55%)



- Cyan (9%)
- Magenta (90%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (95%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E0E8B 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 7E0E8B by changing the saturation by 10% instead.



7E0E8B

7E0E8B

FFFFFF

630071

B64DC1

480058

D369DD

300040

F084FA

0F0029

FFA0FF

000113

FFBCFF

000000

FFD9FF

FFF6FF

7E0E8B

7E0E8B

7D008B

7F1C8B

812A8B

82388B

84468B

85548B

87618B

886F8B

8A7D8B

8B8B8B

# Harmonies

## Analogous

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



003FB1



7E0E8B



A10056

# Triad

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



7E0E8B



634300



005E76

# Complementary

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



7E0E8B



1B8B0E

# 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.



005D3C



7E0E8B



2C5300

# Square

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



7E0E8B



8A2400



005A00



005DA5

# Rectangle

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



7E0E8B



A50031



005A00



005E63



# Sweetspot

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



7E0E8B



B084B5



0E1D8B



593E5C



DBDBDB



5C5C5C



# Same Dimension

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



7E0E8B



A200B5



8B0E5B



443E45



770085



050005



# Inverse Universe

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



8B0E1B



B50013



0E8B3E



453E3F



85000E



050001



# Previews

## White Background



This preview shows how the Hex color 7E0E8B looks on a white background.

## Color Contrast Check

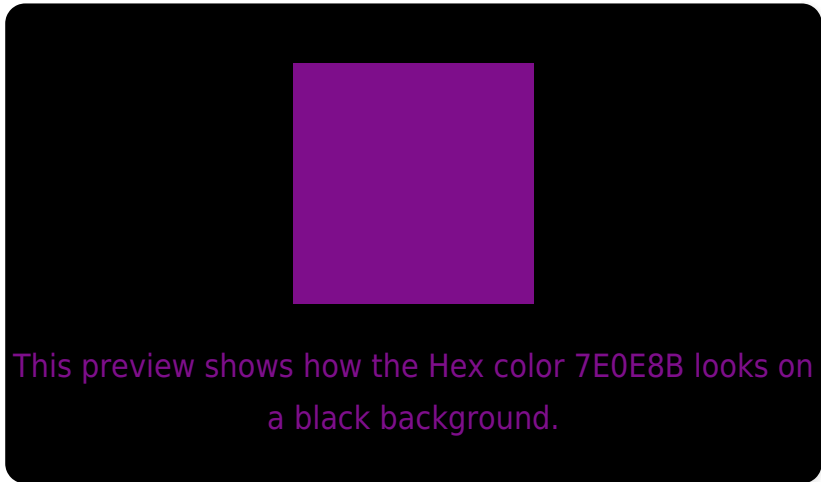
Large Text (above 18pt) WCAG AA ✓ Pass

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

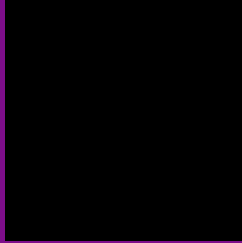
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E0E8B Background



This preview shows how black text looks on a background with the Hex color 7E0E8B.



This preview shows how white text looks on a background with the Hex color 7E0E8B.

# 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](#).

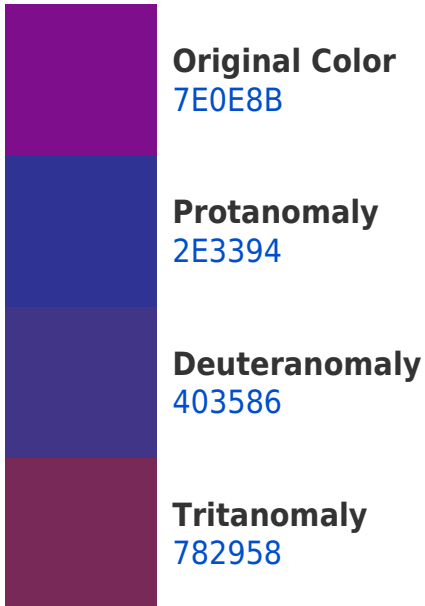
## Dichromacy



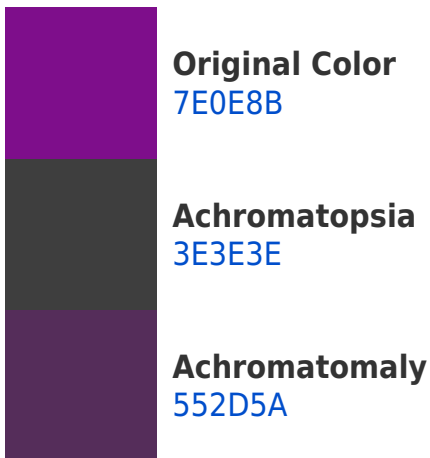


**Tritanopia**  
74383B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E0E8B 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 #7E0E8B looks like.

```
.text, #text, p{  
    color:#7E0E8B  
}
```

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 #7E0E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E0E8B
}
```

## Border

The CSS property to change the border of an element to Hex 7E0E8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

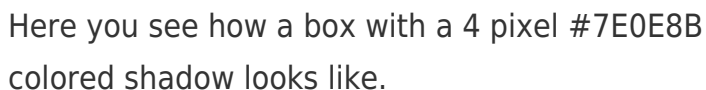
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E0E8B }
```

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

```
.border{ border-color:#7E0E8B }
```

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



Here you see how a box with a 4 pixel #7E0E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E0E8B; -webkit-box-shadow:4px 4px  
4px 4px #7E0E8B; box-shadow:4px 4px 4px  
4px #7E0E8B }
```

# Background

The CSS property to change the background color of an element to Hex 7E0E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E0E8B }
```

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

```
.background{ background-color:#7E0E8B }
```

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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