

Converting Colors

Hex(7E4E7E)

Have a look what the booklet for
Hex(7E4E7E) contains.

Hex(7E4E7E)	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(7E4E7E)

Conversions

Conversions Part 1

Format	Color
Hex	7E4E7E
RGB	126, 78, 126
RGB Percent	49%, 31%, 49%
CMY	0.5059, 0.6941, 0.5059
CMYK	0.00, 0.38, 0.00, 0.51
HSL	300°, 24%, 40%
HSV	300°, 38%, 49%
XYZ	15.0945, 11.3908, 21.1417
YIQ	97.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

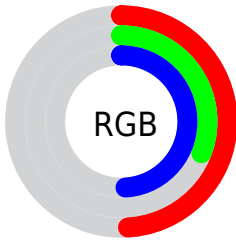
Format	Color
R_{YB}	126, 78, 126
Decimal	8277630
CIE _{Lab}	40.23, 28.39, -18.86
CIE _{LCh}	40, 34.087, 326.402
Yxy	11.3908, 0.3169, 0.2392
Android (android.graphics.Color)	4286467710 (0xFF7E4E7E)
YUV	97.8240, 13.8908, 24.7104
Hunter-Lab	33.7502, 20.7697, -13.5152

Details

The Hex color **7E4E7E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E7E4E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B480B3**, and **4C1F4D** is the 20% darker color. If you saturate the color by 10%, you get **7E417E**, and if you desaturate by 10%, it is **7E5B7E**.

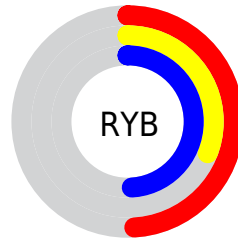
Distribution



Red (49%)

Green (31%)

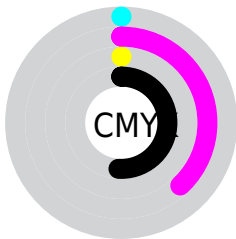
Blue (49%)



Red (49%)

Yellow (31%)

Blue (49%)

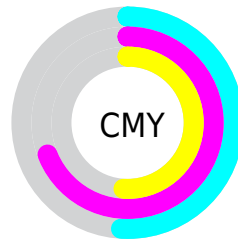


Cyan (0%)

Magenta (38%)

Yellow (0%)

Black (51%)



Cyan (51%)

Magenta (69%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E4E7E 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 7E4E7E by changing the saturation by 10% instead.

7E4E7E

7E4E7E

FFFFFF

643665

B480B3

4C1F4D

CF9ACE

340836

ECB6EB

220021

FFD1FF

000005

FFEEFF

000000

7E4E7E

7E4E7E

7E417E

7E5B7E

7E357E

7E677E

 7E287E

 7E747E

 7E1C7E

 7E807E

 7E0F7E

 7E8D7E

 7E027E

 7E9A7E

 7E007E

 7EA67E

 7EB37E

 7EBF7E

Harmonies

Analogous

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



5B5991



7E4E7E



904763

Triad

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



7E4E7E



725C25



006D77

Complementary

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



7E4E7E



4E7E4E

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.



006D5A



7E4E7E



56652B

Square

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



7E4E7E



875231



346A3F



00698D

Rectangle

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



7E4E7E



934851



346A3F



006D6E

Sweetspot

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



7E4E7E



A391A3



4E4E7E



524752



D1D1D1



525252

Same Dimension

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



7E4E7E



A358A3



7E4E66



403940



800080



000000

Inverse Universe

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



7E4E7E



A358A3



4E7E66



403940



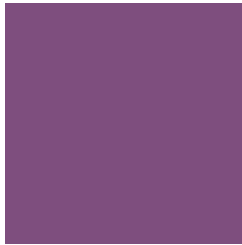
800080



000000

Previews

White Background



This preview shows how the Hex color 7E4E7E looks on a white background.

Color Contrast Check

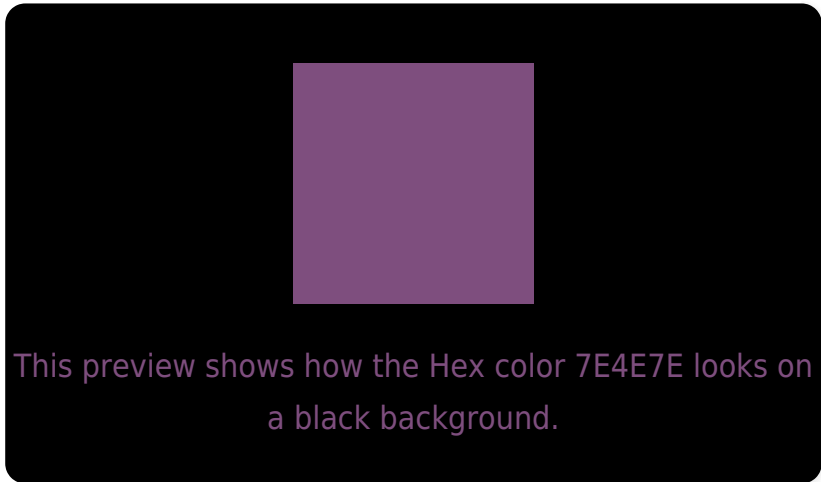
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

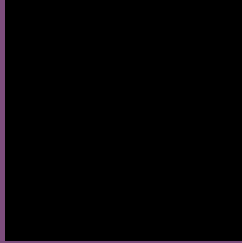
Any Text WCAG AA × Fail

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 7E4E7E Background



This preview shows how black text looks on a background with the Hex color 7E4E7E.

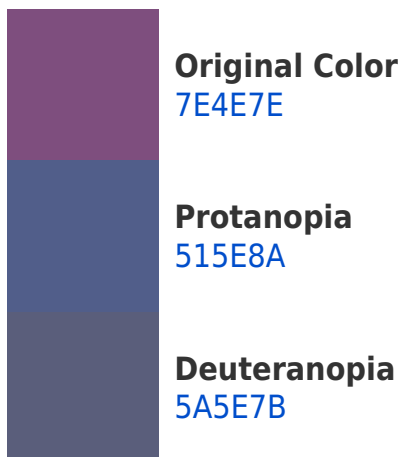



This preview shows how white text looks on a background with the Hex color 7E4E7E.

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
7A555C

Trichromacy



Original Color
7E4E7E

Protanomaly
615886

Deuteranomaly
67587C

Tritanomaly
7B5268

Monochromacy



Original Color
7E4E7E

Achromatopsia
626262

Achromatomaly
6C5B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E4E7E 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 #7E4E7E looks like.

```
.text, #text, p{  
    color:#7E4E7E  
}
```

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 #7E4E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4E7E
}
```

Border

The CSS property to change the border of an element to Hex 7E4E7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

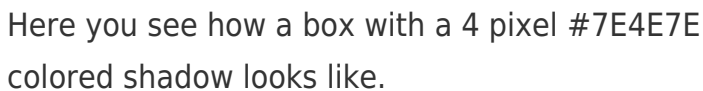
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4E7E }
```

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

```
.border{ border-color:#7E4E7E }
```

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



Here you see how a box with a 4 pixel #7E4E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4E7E; -webkit-box-shadow:4px 4px  
4px 4px #7E4E7E; box-shadow:4px 4px 4px  
4px #7E4E7E }
```

Background

The CSS property to change the background color of an element to Hex 7E4E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4E7E }
```

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

```
.background{ background-color:#7E4E7E }
```

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