

# Converting Colors

Hex(7E4A6E)

Have a look what the booklet for  
Hex(7E4A6E) contains.

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# Color

**Hex(7E4A6E)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7E4A6E
RGB	126, 74, 110
RGB Percent	49%, 29%, 43%
CMY	0.5059, 0.7098, 0.5686
CMYK	0.00, 0.41, 0.13, 0.51
HSL	318°, 26%, 39%
HSV	318°, 41%, 49%
XYZ	13.8674, 10.4590, 16.0397
YIQ	93.6520, 19.4360, 22.2200

# Conversions

## Conversions Part 2

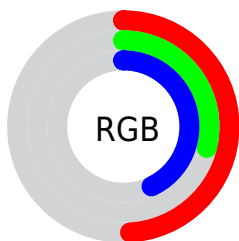
Format	Color
<a href="#">RYB</a>	<a href="#">126, 74, 110</a>
Decimal	<a href="#">8276590</a>
CIELab	<a href="#">38.65, 27.65, -11.40</a>
CIELCh	<a href="#">39, 29.902, 337.597</a>
Yxy	<a href="#">10.4590, 0.3435, 0.2591</a>
Android (android.graphics.Color)	<a href="#">4286466670</a> (0xFF7E4A6E)
YUV	<a href="#">93.6520, 8.0596, 28.3692</a>
Hunter-Lab	<a href="#">32.3403, 19.9447, -6.7677</a>

# Details

The Hex color **7E4A6E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A7E5A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B47CA2**, and **4B1B3E** is the 20% darker color. If you saturate the color by 10%, you get **7E3D6A**, and if you desaturate by 10%, it is **7E5772**.

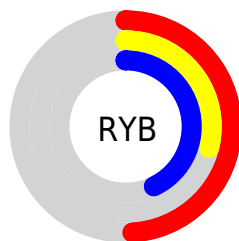
# Distribution



Red (49%)

Green (29%)

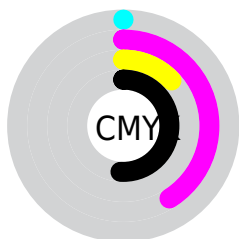
Blue (43%)



Red (49%)

Yellow (29%)

Blue (43%)

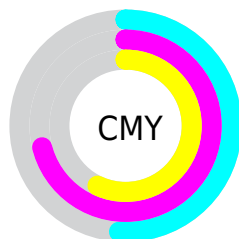


Cyan (0%)

Magenta (41%)

Yellow (13%)

Black (51%)



Cyan (51%)

Magenta (71%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E4A6E 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 7E4A6E by changing the saturation by 10% instead.





7E4A6E



7E4A6E

FFFFFF



643256



B47CA2



4B1B3E



D096BD



340428



ECB1D8



200014



FFCDF5



000000



FFE9FF



7E4A6E



7E4A6E



7E3D6A



7E5772



7E3166



7E6376

 7E2462

 7E707A

 7E185E

 7E7C7E

 7E0B5B

 7E8981

 7E0057

 7E9685

 7EA289

 7EAF8D

 7EBB91

# Harmonies

## Analogous

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



655282



7E4A6E



894756

# Triad

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



7E4A6E



645C2A



006678

# Complementary

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



7E4A6E



4A7E5A

# 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.



006861



7E4A6E



4A6233

# Square

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



7E4A6E



79532E



296648



006287

# Rectangle

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



7E4A6E



884946



296648



006771



# Sweetspot

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



7E4A6E



A3909D



5A4A7E



52464E



D1D1D1



525252



# Same Dimension

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



7E4A6E



A3528A



7E4A54



40393E



800058



000000



# Inverse Universe

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



7E4A6E



A3528A



4A7E74



40393E



800058

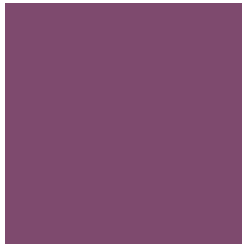


000000



# Previews

## White Background



This preview shows how the Hex color 7E4A6E looks on a white background.

## Color Contrast Check

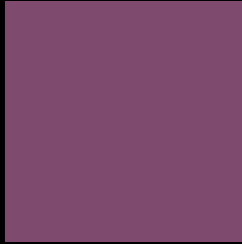
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7E4A6E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

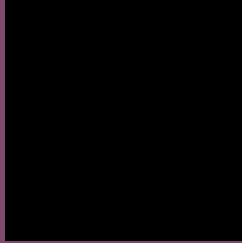
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E4A6E Background



This preview shows how black text looks on a background with the Hex color 7E4A6E.



This preview shows how white text looks on a background with the Hex color 7E4A6E.

# 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**

7E4A6E

**Protanopia**

535A7A

**Deuteranopia**

5D596B


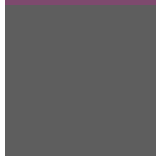



**Tritanopia**  
7B4F55

# Trichromacy

	<b>Original Color</b> 7E4A6E
	<b>Protanomaly</b> 635476
	<b>Deuteranomaly</b> 69546C
	<b>Tritanomaly</b> 7C4D5E

# Monochromacy

	<b>Original Color</b> 7E4A6E
	<b>Achromatopsia</b> 5E5E5E
	<b>Achromatomaly</b> 6A5764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E4A6E 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 #7E4A6E looks like.

```
.text, #text, p{  
    color:#7E4A6E  
}
```

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 #7E4A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4A6E
}
```

## Border

The CSS property to change the border of an element to Hex 7E4A6E 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
#7E4A6E }
```

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

```
.border{ border-color:#7E4A6E }
```

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

Here you see how a box with a 4 pixel #7E4A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4A6E; -webkit-box-shadow:4px 4px  
4px 4px #7E4A6E; box-shadow:4px 4px 4px  
4px #7E4A6E }
```

# Background

The CSS property to change the background color of an element to Hex 7E4A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4A6E }
```

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

```
.background{ background-color:#7E4A6E }
```

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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