

Converting Colors

Hex(7E4856)

Have a look what the booklet for
Hex(7E4856) contains.

Hex(7E4856)	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(7E4856)

Conversions

Conversions Part 1

Format	Color
Hex	7E4856
RGB	126, 72, 86
RGB Percent	49%, 28%, 34%
CMY	0.5059, 0.7176, 0.6627
CMYK	0.00, 0.43, 0.32, 0.51
HSL	344°, 27%, 39%
HSV	344°, 43%, 49%
XYZ	12.6013, 9.7422, 10.0204
YIQ	89.7420, 27.6900, 15.8020

Conversions

Conversions Part 2

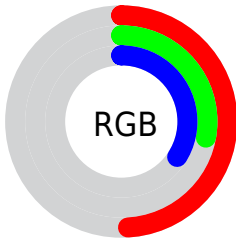
Format	Color
R_{YB}	126, 72, 86
Decimal	8276054
CIE Lab	37.38, 24.89, 1.73
CIE LCh	37, 24.946, 3.978
Yxy	9.7422, 0.3894, 0.3010
Android (android.graphics.Color)	4286466134 (0xFF7E4856)
YUV	89.7420, -1.8448, 31.7983
Hunter-Lab	31.2126, 17.4428, 2.8145

Details

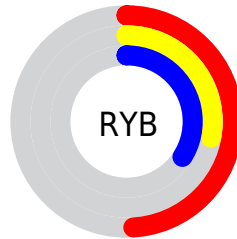
The Hex color **7E4856** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **487E70**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B47A88**, and **4B1A29** is the 20% darker color. If you saturate the color by 10%, you get **7E3B4D**, and if you desaturate by 10%, it is **7E555F**.

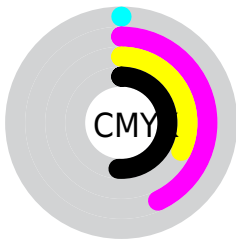
Distribution



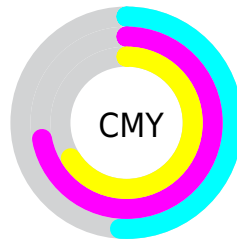
- Red (49%)
- Green (28%)
- Blue (34%)



- Red (49%)
- Yellow (28%)
- Blue (34%)



- Cyan (0%)
- Magenta (43%)
- Yellow (32%)
- Black (51%)



- Cyan (51%)
- Magenta (72%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E4856 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 7E4856 by changing the saturation by 10% instead.

 7E4856

 7E4856

FFFFFF

 64313F

 B47A88

 4B1A29

 D094A2

 320315

 EDAFBD

 1B0001

 FFCAD9

 000000

 FFE6F5

 7E4856

 7E4856

 7E3B4D

 7E555F

 7E2F43

 7E6169

 7E223A

 7E6E72

 7E1631

 7E7A7B

 7E0927

 7E8785

 7E0021

 7E948E

 7EA097

 7EADA1

 7EB9AA

Harmonies

Analogous

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



734B6A



7E4856



7D4A42

Triad

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



7E4856



4D5D36



165F7C

Complementary

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



7E4856



487E70

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.



00626E



7E4856



346146

Square

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



7E4856



62582F



14635A



3E5980

Rectangle

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



7E4856



784E38



14635A



026078

Sweetspot

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



7E4856



A38E93



70487E



524548



D1D1D1



525252

Same Dimension

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



7E4856



A35066



7E5548



40393B



800021



000000

Inverse Universe

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



7E4856



A35066



48717E



40393B



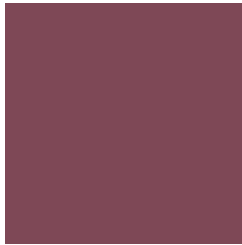
800021



000000

Previews

White Background



This preview shows how the Hex color 7E4856 looks on a white background.

Color Contrast Check

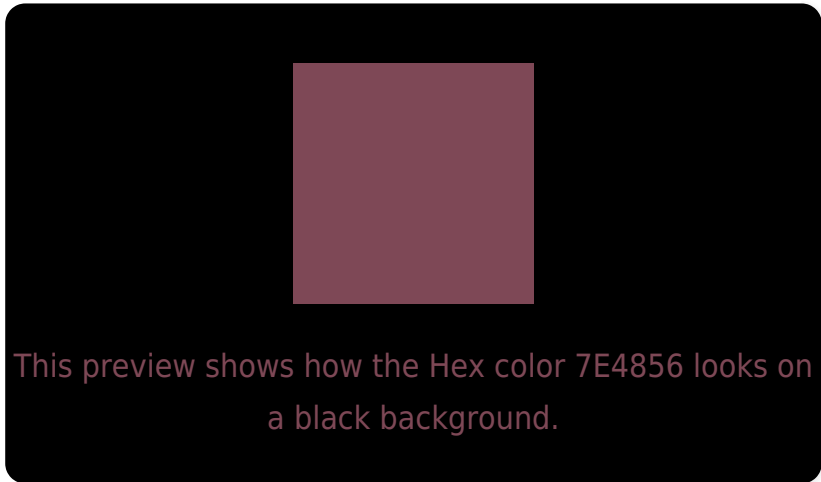
Large Text (above 18pt) WCAG AA ✓ Pass

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

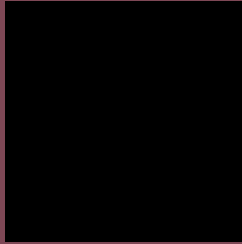
Any Text WCAG AA × Fail

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 7E4856 Background



This preview shows how black text looks on a background with the Hex color 7E4856.



This preview shows how white text looks on a background with the Hex color 7E4856.

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
7E4856

Protanopia
58585F

Deuteranopia
635554



Tritanopia
7D494F

Trichromacy



Original Color
7E4856

Protanomaly
66525C

Deuteranomaly
6D5055

Tritanomaly
7D4952

Monochromacy



Original Color
7E4856

Achromatopsia
5A5A5A

Achromatomaly
675359

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E4856 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 #7E4856 looks like.

```
.text, #text, p{  
    color:#7E4856  
}
```

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 #7E4856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4856
}
```

Border

The CSS property to change the border of an element to Hex 7E4856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

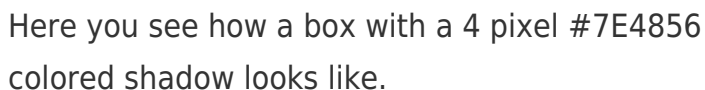
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4856 }
```

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

```
.border{ border-color:#7E4856 }
```

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



Here you see how a box with a 4 pixel #7E4856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4856; -webkit-box-shadow:4px 4px  
4px 4px #7E4856; box-shadow:4px 4px 4px  
4px #7E4856 }
```

Background

The CSS property to change the background color of an element to Hex 7E4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4856 }
```

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

```
.background{ background-color:#7E4856 }
```

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