

Converting Colors

Hex(7E4763)

Have a look what the booklet for
Hex(7E4763) contains.

Hex(7E4763)	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(7E4763)

Conversions

Conversions Part 1

Format	Color
Hex	7E4763
RGB	126, 71, 99
RGB Percent	49%, 28%, 39%
CMY	0.5059, 0.7216, 0.6118
CMYK	0.00, 0.44, 0.21, 0.51
HSL	329°, 28%, 39%
HSV	329°, 44%, 49%
XYZ	13.1096, 9.8429, 13.0133
YIQ	90.6370, 23.7920, 20.3680

Conversions

Conversions Part 2

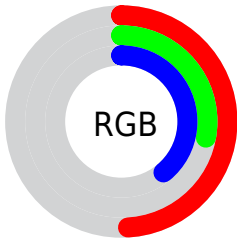
Format	Color
R_{YB}	126, 71, 99
Decimal	8275811
CIE Lab	37.56, 27.48, -6.17
CIE LCh	38, 28.164, 347.340
Yxy	9.8429, 0.3645, 0.2737
Android (android.graphics.Color)	4286465891 (0xFF7E4763)
YUV	90.6370, 4.1230, 31.0134
Hunter-Lab	31.3735, 19.6835, -2.6313

Details

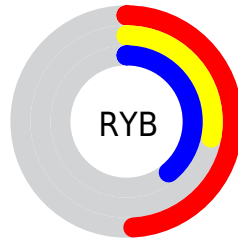
The Hex color **7E4763** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **477E62**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B47996**, and **4B1835** is the 20% darker color. If you saturate the color by 10%, you get **7E3A5D**, and if you desaturate by 10%, it is **7E5469**.

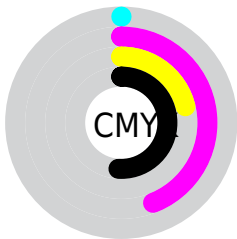
Distribution



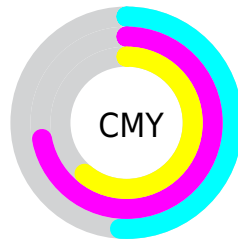
- Red (49%)
- Green (28%)
- Blue (39%)



- Red (49%)
- Yellow (28%)
- Blue (39%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (51%)



- Cyan (51%)
- Magenta (72%)
- Yellow (61%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E4763 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 7E4763 by changing the saturation by 10% instead.

7E4763

7E4763

FFFFFF

642F4B

B47996

4B1835

D093B0

33011F

EDAECB

1E0006

FFC9E8

000000

FFE6FF

7E4763

7E4763

7E3A5D

7E5469

7E2E57

7E606F

 7E2150

 7E6D76

 7E154A

 7E797C

 7E0844

 7E8682

 7E0040

 7E9388

 7E9F8E

 7EAC94

 7EB89B

Harmonies

Analogous

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



6B4D77



7E4763



84464C

Triad

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



7E4763



595B2C



006279

Complementary

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



7E4763



477E62

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.



006465



7E4763



406139

Square

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



7E4763



6F542C



1D644E



1C5E84

Rectangle

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



7E4763



81493E



1D644E



006373

Sweetspot

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



7E4763



A38E99



62477E



52454B



D1D1D1



525252

Same Dimension

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



7E4763



A34E7A



7E4748



40393D



800041



000000

Inverse Universe

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



7E4763



A34E7A



477E7D



40393D



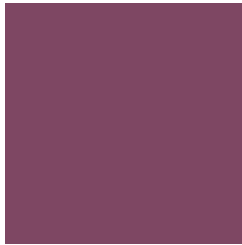
800041



000000

Previews

White Background



This preview shows how the Hex color 7E4763 looks on a white background.

Color Contrast Check

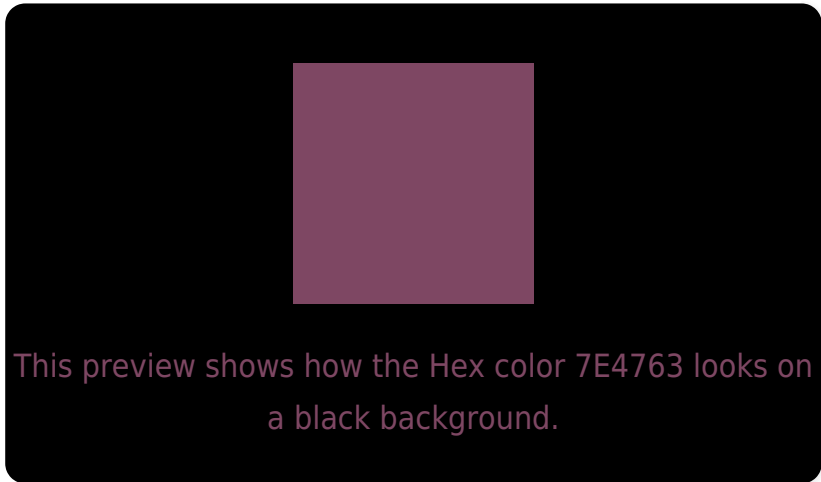
Large Text (above 18pt) WCAG AA ✓ Pass

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

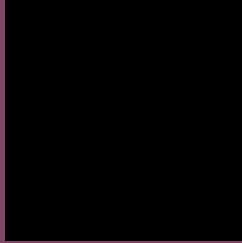
Any Text WCAG AA × Fail

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 7E4763 Background



This preview shows how black text looks on a background with the Hex color 7E4763.



This preview shows how white text looks on a background with the Hex color 7E4763.

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
7E4763

Protanopia
54586E

Deuteranopia
5E5660



Tritanopia
7C4B50

Trichromacy



Original Color
7E4763

Protanomaly
63526A

Deuteranomaly
6A5161

Tritanomaly
7D4A57

Monochromacy



Original Color
7E4763

Achromatopsia
5B5B5B

Achromatomaly
68545E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E4763 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 #7E4763 looks like.

```
.text, #text, p{  
    color:#7E4763  
}
```

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 #7E4763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E4763
}
```

Border

The CSS property to change the border of an element to Hex 7E4763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

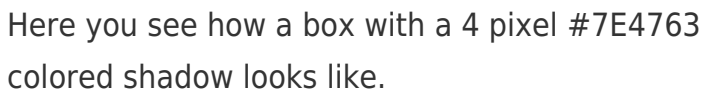
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E4763 }
```

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

```
.border{ border-color:#7E4763 }
```

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



Here you see how a box with a 4 pixel #7E4763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E4763; -webkit-box-shadow:4px 4px  
4px 4px #7E4763; box-shadow:4px 4px 4px  
4px #7E4763 }
```

Background

The CSS property to change the background color of an element to Hex 7E4763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E4763 }
```

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

```
.background{ background-color:#7E4763 }
```

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