

Converting Colors

Hex(7E7460)

Have a look what the booklet for
Hex(7E7460) contains.

Hex(7E7460)	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(7E7460)

Conversions

Conversions Part 1

Format	Color
Hex	7E7460
RGB	126, 116, 96
RGB Percent	49%, 45%, 38%
CMY	0.5059, 0.5451, 0.6235
CMYK	0.00, 0.08, 0.24, 0.51
HSL	40°, 14%, 44%
HSV	40°, 24%, 49%
XYZ	16.9609, 17.7709, 13.6025
YIQ	116.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

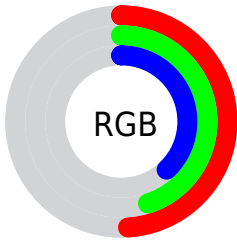
Format	Color
R_{YB}	111, 126, 96
Decimal	8287328
CIE _{Lab}	49.22, 0.39, 12.46
CIE _{LCh}	49, 12.469, 88.214
Yxy	17.7709, 0.3509, 0.3677
Android (android.graphics.Color)	4286477408 (0xFF7E7460)
YUV	116.7100, -10.2100, 8.1473
Hunter-Lab	42.1556, -1.9545, 10.3775

Details

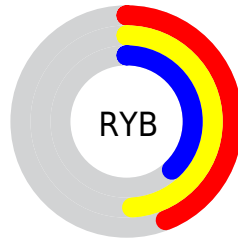
The Hex color **7E7460** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **606A7E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B3A893**, and **4D4432** is the 20% darker color. If you saturate the color by 10%, you get **7E7053**, and if you desaturate by 10%, it is **7E786D**.

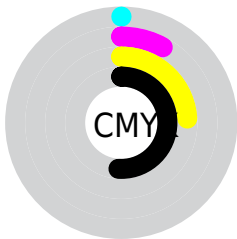
Distribution



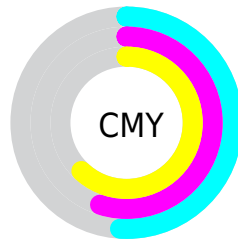
- Red (49%)
- Green (45%)
- Blue (38%)



- Red (44%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E7460 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 7E7460 by changing the saturation by 10% instead.

 7E7460

 7E7460

FFFFFF

 655B48

 B3A893

 4D4432

 CFC3AD

 352E1D

 EBDFC9

 211903

 FFFCE5

 000000

 7E7460

 7E7460

 7E7053

 7E786D

 7E6C47

 7E7C79

 7E673A

 7E8186

 7E632E

 7E8592

 7E5F21

 7E899F

 7E5B14

 7E8DAC

 7E5708

 7E91B8

 7E5400

 7E96C5

 7E9AD1

Harmonies

Analogous

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



877163



7E7460



727762

Triad

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



7E7460



597B7F



826F80

Complementary

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



7E7460



606A7E

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.



767288



7E7460



5D7987

Square

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



7E7460



5D7B74



68768A



8A6E76

Rectangle

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



7E7460



6A7967



68768A



7F7083

Sweetspot

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



7E7460



A39F98



7E606A



524F4B



D1D1D1



525252

Same Dimension

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



7E7460



A39374



797E60



403E39



805500



000000

Inverse Universe

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



606A7E



7484A3



65607E



393C40



002A80



000000

Previews

White Background



This preview shows how the Hex color 7E7460 looks on a white background.

Color Contrast Check

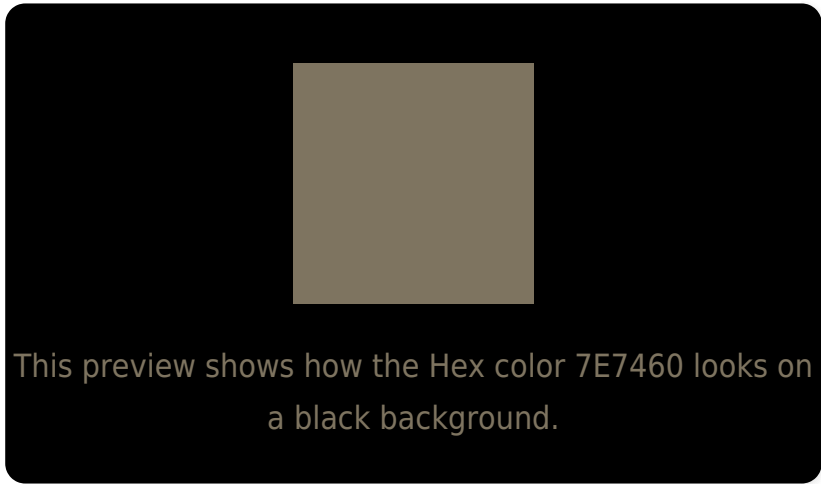
Large Text (above 18pt) WCAG AA ✓ Pass

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

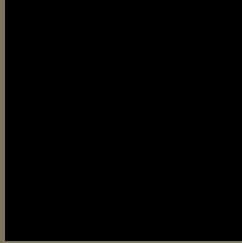
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 7E7460 Background



This preview shows how black text looks on a background with the Hex color 7E7460.



This preview shows how white text looks on a background with the Hex color 7E7460.

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
7E7460

Protanopia
7C7560

Deuteranopia
877061



Tritanopia
817079

Trichromacy



Original Color
7E7460

Protanomaly
7D7560

Deuteranomaly
847161

Tritanomaly
807170

Monochromacy



Original Color
7E7460

Achromatopsia
757575

Achromatomaly
78756D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E7460 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 #7E7460 looks like.

```
.text, #text, p{  
    color:#7E7460  
}
```

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 #7E7460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7460
}
```

Border

The CSS property to change the border of an element to Hex 7E7460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

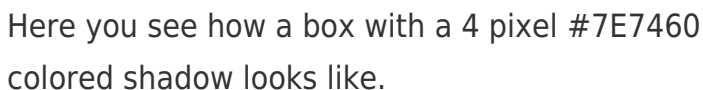
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E7460 }
```

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

```
.border{ border-color:#7E7460 }
```

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



Here you see how a box with a 4 pixel #7E7460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7460; -webkit-box-shadow:4px 4px  
4px 4px #7E7460; box-shadow:4px 4px 4px  
4px #7E7460 }
```

Background

The CSS property to change the background color of an element to Hex 7E7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7460 }
```

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

```
.background{ background-color:#7E7460 }
```

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