

Converting Colors

Hex(7E7668)

Have a look what the booklet for
Hex(7E7668) contains.

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Color

Hex(7E7668)

Conversions

Conversions Part 1

Format	Color
Hex	7E7668
RGB	126, 118, 104
RGB Percent	49%, 46%, 41%
CMY	0.5059, 0.5373, 0.5922
CMYK	0.00, 0.06, 0.17, 0.51
HSL	38°, 10%, 45%
HSV	38°, 17%, 49%
XYZ	17.5813, 18.3920, 15.7201
YIQ	118.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

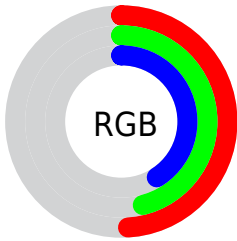
Format	Color
R_{YB}	117, 126, 104
Decimal	8287848
CIE Lab	49.97, 0.54, 8.82
CIE LCh	50, 8.834, 86.477
Yxy	18.3920, 0.3401, 0.3558
Android (android.graphics.Color)	4286477928 (0xFF7E7668)
YUV	118.7960, -7.2944, 6.3179
Hunter-Lab	42.8859, -1.8731, 8.2870

Details

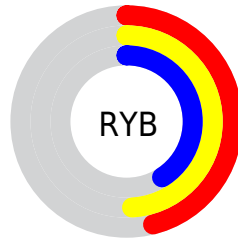
The Hex color **7E7668** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68707E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B3AA9B**, and **4D4639** is the 20% darker color. If you saturate the color by 10%, you get **7E715B**, and if you desaturate by 10%, it is **7E7B75**.

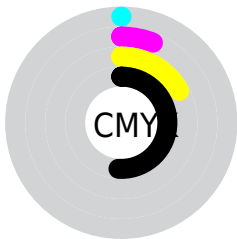
Distribution



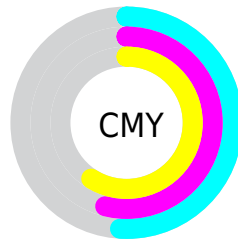
- Red (49%)
- Green (46%)
- Blue (41%)



- Red (46%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (51%)



- Cyan (51%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E7668 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 7E7668 by changing the saturation by 10% instead.

 7E7668

 7E7668

FFFFFF

 655D50


 B3AA9B

 4D4639

 CEC5B6

 363023

 EBE1D2

 211B0E

 FFFEEE

 010000

 000000

 7E7668

 7E7668

 7E715B

 7E7B75

 7E6D4F

 7E7F81

 7E6842

 7E848E

 7E6436

 7E889A

 7E5F29

 7E8DA7

 7E5B1C

 7E91B4

 7E5610

 7E96C0

 7E5103

 7E9BCD

 7E5000

 7E9FD9

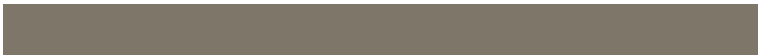
Harmonies

Analogous

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



84746B



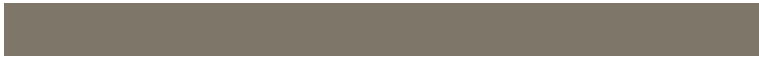
7E7668



767869

Triad

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



7E7668



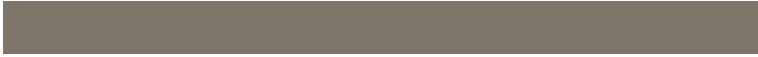
647B7D



80737F

Complementary

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



7E7668



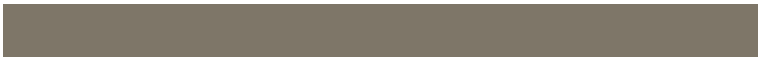
68707E

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.



777584



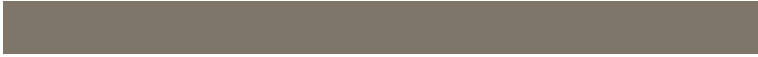
7E7668



677A83

Square

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



7E7668



677B76



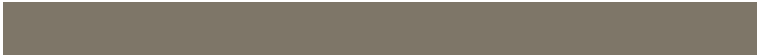
6E7886



867278

Rectangle

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



7E7668



707A6C



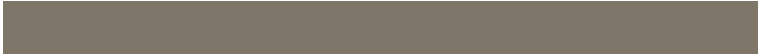
6E7886



7D7481

Sweetspot

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



7E7668



A3A09B



7E6870



52504D



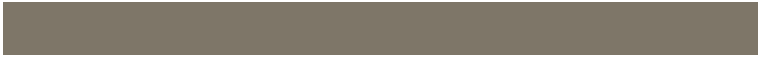
D1D1D1



525252

Same Dimension

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



7E7668



A39781



7B7E68



403D39



805100



000000

Inverse Universe

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



68707E



818DA3



6B687E



393C40



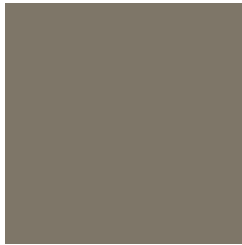
002E80



000000

Previews

White Background



This preview shows how the Hex color 7E7668 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

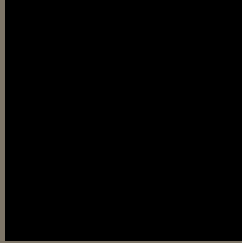
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

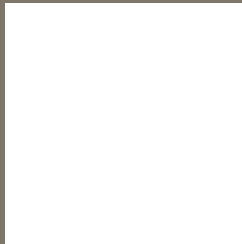
Any Text WCAG AAA × Fail

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

Hex 7E7668 Background



This preview shows how black text looks on a background with the Hex color 7E7668.



This preview shows how white text looks on a background with the Hex color 7E7668.

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
7E7668

Protanopia
7C7768

Deuteranopia
877369



Tritanopia
81737C

Trichromacy



Original Color
7E7668

Protanomaly
7D7768

Deuteranomaly
847469

Tritanomaly
807475

Monochromacy



Original Color
7E7668

Achromatopsia
777777

Achromatomaly
7A7772

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E7668 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 #7E7668 looks like.

```
.text, #text, p{  
    color:#7E7668  
}
```

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 #7E7668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7668
}
```

Border

The CSS property to change the border of an element to Hex 7E7668 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".

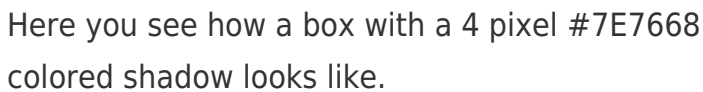
```
.border, #border, table{ border:4px solid
#7E7668 }
```

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

```
.border{ border-color:#7E7668 }
```

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

Here you see how a box with a 4 pixel #7E7668 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7668; -webkit-box-shadow:4px 4px  
4px 4px #7E7668; box-shadow:4px 4px 4px  
4px #7E7668 }
```

Background

The CSS property to change the background color of an element to Hex 7E7668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7668 }
```

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

```
.background{ background-color:#7E7668 }
```

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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