

Converting Colors

Hex(7E7366)

Have a look what the booklet for
Hex(7E7366) contains.

Hex(7E7366)	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(7E7366)

Conversions

Conversions Part 1

Format	Color
Hex	7E7366
RGB	126, 115, 102
RGB Percent	49%, 45%, 40%
CMY	0.5059, 0.5490, 0.6000
CMYK	0.00, 0.09, 0.19, 0.51
HSL	32°, 11%, 45%
HSV	32°, 19%, 49%
XYZ	17.1332, 17.6564, 15.0754
YIQ	116.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

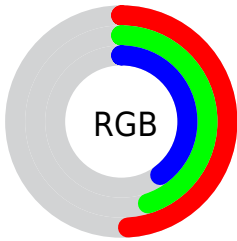
Format	Color
RYB	122, 126, 102
Decimal	8287078
CIELab	49.08, 1.94, 8.73
CIELCh	49, 8.948, 77.454
Yxy	17.6564, 0.3436, 0.3541
Android (android.graphics.Color)	4286477158 (0xFF7E7366)
YUV	116.8070, -7.2999, 8.0623
Hunter-Lab	42.0195, -0.7519, 8.1421

Details

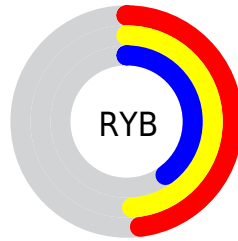
The Hex color **7E7366** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66717E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B3A799**, and **4D4337** is the 20% darker color. If you saturate the color by 10%, you get **7E6D59**, and if you desaturate by 10%, it is **7E7973**.

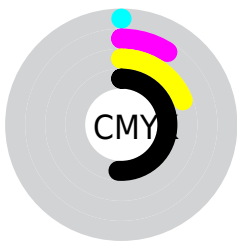
Distribution



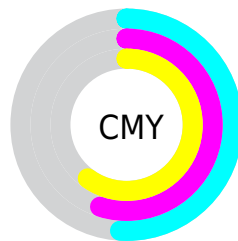
- Red (49%)
- Green (45%)
- Blue (40%)



- Red (48%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E7366 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 7E7366 by changing the saturation by 10% instead.

7E7366

7E7366

FFFFFF

655A4E

B3A799

4D4337

CEC2B4

362D22

EBDECF

21180C

FFFAEC

000000

7E7366

7E7366

7E6D59

7E7973

7E674D

7E7F7F

7E6240

7E848C

 7E5C34

 7E8A98

 7E5627

 7E90A5

 7E501A

 7E96B2

 7E4B0E

 7E9BBE

 7E4501

 7EA1CB

 7E4400

 7EA7D7

Harmonies

Analogous

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



83716A



7E7366



767566

Triad

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



7E7366



627979



7B717F

Complementary

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



7E7366



66717E

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.



727483



7E7366



63787F

Square

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



7E7366



667971



697683



827078

Rectangle

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



7E7366



707768



697683



787281

Sweetspot

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



7E7366



A39F99



7E6671



524F4C



D1D1D1



525252

Same Dimension

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



7E7366



A3927E



7D7E66



403D39



804500



000000

Inverse Universe

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



66717E



7E8FA3



67667E



393C40



003A80



000000

Previews

White Background



This preview shows how the Hex color 7E7366 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

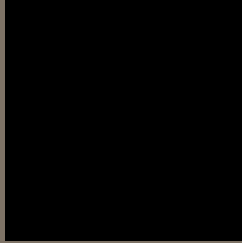
Any Text WCAG AA ✓ Pass

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 7E7366 Background



This preview shows how black text looks on a background with the Hex color 7E7366.



This preview shows how white text looks on a background with the Hex color 7E7366.

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
7E7366

Protanopia
7A7467

Deuteranopia
857067



Tritanopia
807079

Trichromacy



Original Color
7E7366

Protanomaly
7B7467

Deuteranomaly
827167

Tritanomaly
7F7172

Monochromacy



Original Color
7E7366

Achromatopsia
757575

Achromatomaly
787470

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E7366 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 #7E7366 looks like.

```
.text, #text, p{  
    color:#7E7366  
}
```

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 #7E7366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7366
}
```

Border

The CSS property to change the border of an element to Hex 7E7366 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
#7E7366 }
```

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

```
.border{ border-color:#7E7366 }
```

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

Here you see how a box with a 4 pixel #7E7366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7366; -webkit-box-shadow:4px 4px  
4px 4px #7E7366; box-shadow:4px 4px 4px  
4px #7E7366 }
```

Background

The CSS property to change the background color of an element to Hex 7E7366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7366 }
```

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

```
.background{ background-color:#7E7366 }
```

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