

Converting Colors

Hex(796E71)

Have a look what the booklet for
Hex(796E71) contains.

Hex(796E71)	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(796E71)

Conversions

Conversions Part 1

Format	Color
Hex	796E71
RGB	121, 110, 113
RGB Percent	47%, 43%, 44%
CMY	0.5255, 0.5686, 0.5569
CMYK	0.00, 0.09, 0.07, 0.53
HSL	344°, 5%, 45%
HSV	344°, 9%, 47%
XYZ	16.4417, 16.4091, 17.9235
YIQ	113.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

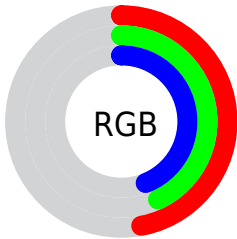
Format	Color
R_{YB}	121, 110, 113
Decimal	7958129
CIE Lab	47.51, 4.86, -0.12
CIE LCh	48, 4.861, 358.634
Yxy	16.4091, 0.3238, 0.3232
Android (android.graphics.Color)	4286148209 (0xFF796E71)
YUV	113.6310, -0.3111, 6.4626
Hunter-Lab	40.5081, 1.5617, 2.1218

Details

The Hex color **796E71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7976**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **ADA2A5**, and **483E41** is the 20% darker color. If you saturate the color by 10%, you get **796268**, and if you desaturate by 10%, it is **797A7A**.

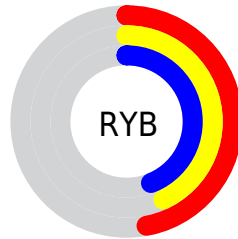
Distribution



Red (47%)

Green (43%)

Blue (44%)



Red (47%)

Yellow (43%)

Blue (44%)

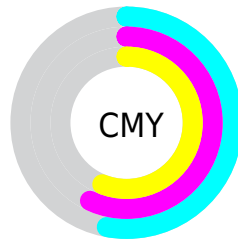


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796E71 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 796E71 by changing the saturation by 10% instead.

■ 796E71

■ 796E71

FFFFFF

■ 605659

■ ADA2A5

■ 483E41

■ C9BDC0

■ 32292B

■ E5D8DC

■ 1D1417

■ FFF5F8

■ 000000

■ 796E71

■ 796E71

■ 796268

■ 797A7A

■ 79565F

■ 798683

■ 794A57

■ 79928B

 793E4E

 799E94

 793245

 79AB9D

 79253C

 79B7A6

 791933

 79C3AF

 790D2B

 79CFB7

 790122

 79DBC0

Harmonies

Analogous

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



766F75



796E71



7A6E6D

Triad

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



796E71



707269



687277

Complementary

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



796E71



6E7976

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.



677374



796E71



6B736C

Square

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



796E71



747069



687370



6C7179

Rectangle

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



796E71



796F6B



687370



687377

Sweetspot

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



796E71



9E999B



766E79



4F4C4D



CFCFCF



4F4F4F

Same Dimension

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



796E71



9E8D91



79706E



3D3739



7D0022



FC0045

Inverse Universe

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



796E71



9E8D91



6E7779



3D3739



7D0022



FC0045

Previews

White Background



This preview shows how the Hex color 796E71 looks on a white background.

Color Contrast Check

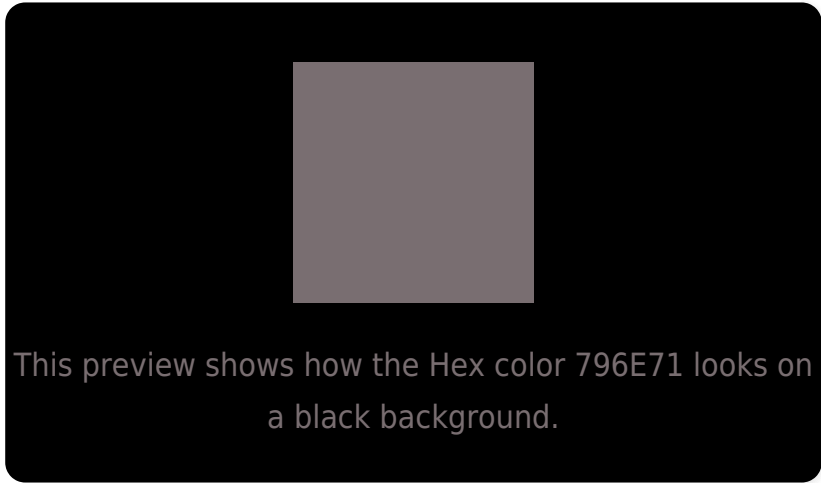
Large Text (above 18pt) WCAG AA ✓ Pass

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

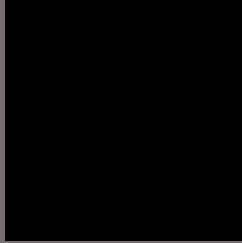
Any Text WCAG AA × Fail

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 796E71 Background



This preview shows how black text looks on a background with the Hex color 796E71.



This preview shows how white text looks on a background with the Hex color 796E71.

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
796E71

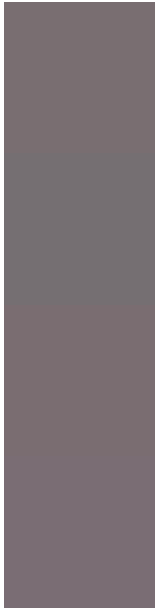
Protanopia
727072

Deuteranopia
7B6D71



Tritanopia
7A6D76

Trichromacy



Original Color

796E71

Protanomaly

756F72

Deuteranomaly

7A6D71

Tritanomaly

7A6D74

Monochromacy



Original Color

796E71

Achromatopsia

727272

Achromatomaly

757172

CSS Examples

Text

The CSS property to change the color of the text to Hex 796E71 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 #796E71 looks like.

```
.text, #text, p{  
    color:#796E71  
}
```

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 #796E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796E71  
}
```

Border

The CSS property to change the border of an element to Hex 796E71 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  
#796E71 }
```

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

```
.border{ border-color:#796E71 }
```

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

Here you see how a box with a 4 pixel #796E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796E71; -webkit-box-shadow:4px 4px  
4px 4px #796E71; box-shadow:4px 4px 4px  
4px #796E71 }
```

Background

The CSS property to change the background color of an element to Hex 796E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796E71 }
```

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

```
.background{ background-color:#796E71 }
```

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