

Converting Colors

Hex(796C71)

Have a look what the booklet for
Hex(796C71) contains.

Hex(796C71)	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(796C71)

Conversions

Conversions Part 1

Format	Color
Hex	796C71
RGB	121, 108, 113
RGB Percent	47%, 42%, 44%
CMY	0.5255, 0.5765, 0.5569
CMYK	0.00, 0.11, 0.07, 0.53
HSL	337°, 6%, 45%
HSV	337°, 11%, 47%
XYZ	16.2284, 15.9823, 17.8524
YIQ	112.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

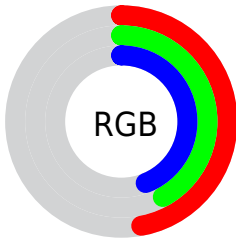
Format	Color
R_{YB}	121, 108, 113
Decimal	7957617
CIE Lab	46.95, 6.04, -0.93
CIE LCh	47, 6.114, 351.267
Yxy	15.9823, 0.3242, 0.3192
Android (android.graphics.Color)	4286147697 (0xFF796C71)
YUV	112.4570, 0.2677, 7.4922
Hunter-Lab	39.9779, 2.4977, 1.5083

Details

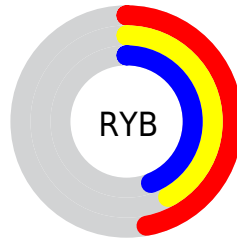
The Hex color **796C71** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C7974**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AD9FA5**, and **483D41** is the 20% darker color. If you saturate the color by 10%, you get **79606A**, and if you desaturate by 10%, it is **797878**.

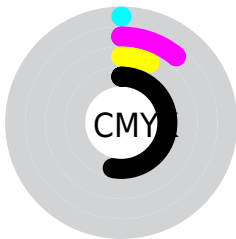
Distribution



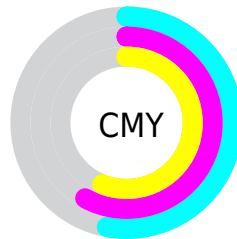
- Red (47%)
- Green (42%)
- Blue (44%)



- Red (47%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796C71 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 796C71 by changing the saturation by 10% instead.



796C71



796C71

FFFFFF



605459



AD9FA5



483D41



C9BAC0



32272B



E5D6DC



1D1317



FFF2F8



000000



796C71



796C71



79606A



797878



795462



798480



79485B



799087

793C53

799C8F

792F4C

79A996

792344

79B59E

79173D

79C1A5

790B35

79CDAD

79002F

79D9B4

Harmonies

Analogous

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



756D76



796C71



7B6C6C

Triad

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



796C71



707066



647277

Complementary

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



796C71



6C7974

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.



637273



796C71



6A7269

Square

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



796C71



756E65



65726E



687079

Rectangle

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



796C71



7A6D69



65726E



637276

Sweetspot

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



796C71



9E999B



746C79



4F4C4D



CFCFCF



4F4F4F

Same Dimension

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



796C71



9E8A91



796D6C



3D3739



7D0030



FC0061

Inverse Universe

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



796C71



9E8A91



6C7879



3D3739



7D0030



FC0061

Previews

White Background



This preview shows how the Hex color 796C71 looks on a white background.

Color Contrast Check

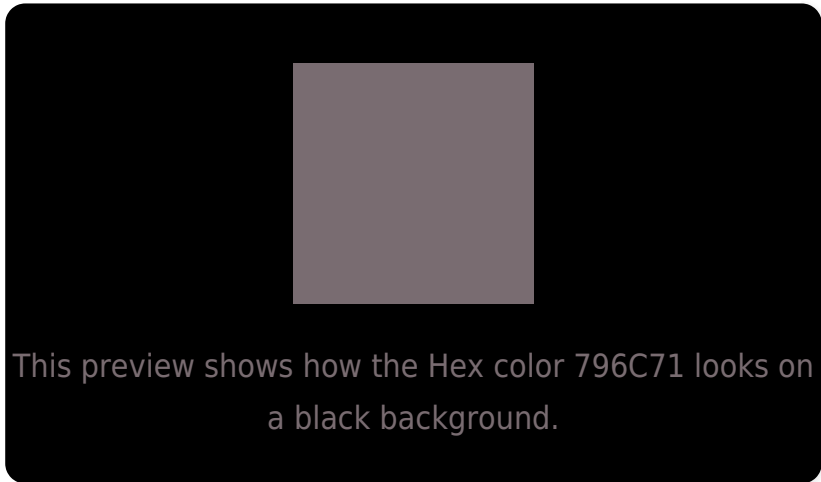
Large Text (above 18pt) WCAG AA ✓ Pass

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

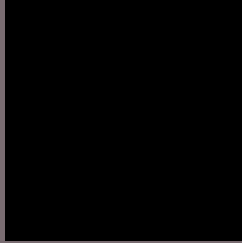
Any Text WCAG AA × Fail

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 796C71 Background



This preview shows how black text looks on a background with the Hex color 796C71.



This preview shows how white text looks on a background with the Hex color 796C71.

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
796C71

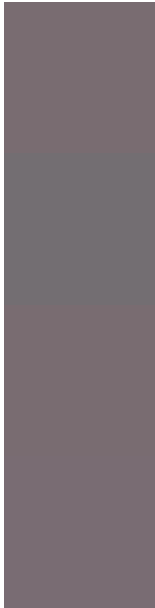
Protanopia
706F73

Deuteranopia
796C71



Tritanopia
796C74

Trichromacy



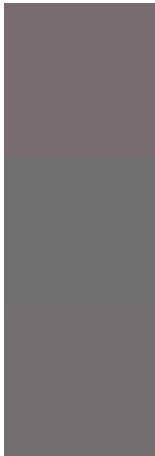
Original Color
796C71

Protanomaly
736E72

Deuteranomaly
796C71

Tritanomaly
796C73

Monochromacy



Original Color
796C71

Achromatopsia
707070

Achromatomaly
736F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 796C71 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 #796C71 looks like.

```
.text, #text, p{  
    color:#796C71  
}
```

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 #796C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796C71
}
```

Border

The CSS property to change the border of an element to Hex 796C71 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
#796C71 }
```

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

```
.border{ border-color:#796C71 }
```

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

Here you see how a box with a 4 pixel #796C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796C71; -webkit-box-shadow:4px 4px  
4px 4px #796C71; box-shadow:4px 4px 4px  
4px #796C71 }
```

Background

The CSS property to change the background color of an element to Hex 796C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796C71 }
```

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

```
.background{ background-color:#796C71 }
```

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