

Converting Colors

Hex(3F7C71)

Have a look what the booklet for
Hex(3F7C71) contains.

Hex(3F7C71)	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(3F7C71)

Conversions

Conversions Part 1

Format	Color
Hex	3F7C71
RGB	63, 124, 113
RGB Percent	25%, 49%, 44%
CMY	0.7529, 0.5137, 0.5569
CMYK	0.49, 0.00, 0.09, 0.51
HSL	169°, 33%, 37%
HSV	169°, 49%, 49%
XYZ	12.2382, 16.6643, 18.1943
YIQ	104.5070, -32.8250, -16.3530

Conversions

Conversions Part 2

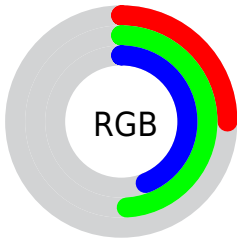
Format	Color
RYB	63, 97, 124
Decimal	4160625
CIELab	47.83, -22.67, -0.10
CIELCh	48, 22.666, 180.254
Yxy	16.6643, 0.2599, 0.3538
Android (android.graphics.Color)	4282350705 (0xFF3F7C71)
YUV	104.5070, 4.1870, -36.4016
Hunter-Lab	40.8220, -17.9251, 2.1499

Details

The Hex color **3F7C71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C3F4A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **73B1A5**, and **034B41** is the 20% darker color. If you saturate the color by 10%, you get **337C6F**, and if you desaturate by 10%, it is **4B7C73**.

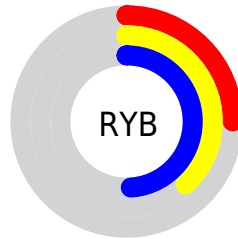
Distribution



Red (25%)

Green (49%)

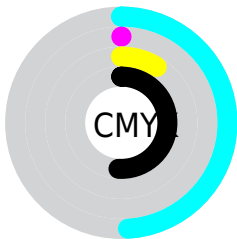
Blue (44%)



Red (25%)

Yellow (38%)

Blue (49%)

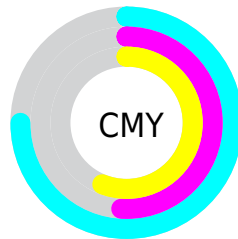


Cyan (49%)

Magenta (0%)

Yellow (9%)

Black (51%)



Cyan (75%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7C71 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 3F7C71 by changing the saturation by 10% instead.

■ 3F7C71

■ 3F7C71

FFFFFF

■ 256359

■ 73B1A5

■ 034B41

■ 8ECCC0

■ 00342B

■ A9E9DC

■ 001F17

■ C5FFF8

■ 000000

■ E2FFFF

■ 3F7C71

■ 3F7C71

■ 337C6F

■ 4B7C73

■ 267C6D

■ 587C75

■ 1A7C6A

■ 647C78

■ 0D7C68

■ 717C7A

■ 017C66

■ 7D7C7C

■ 007C66

■ 897C7E

■ 967C81

■ A27C83

■ AF7C85

Harmonies

Analogous

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



547A5E



3F7C71



337B84

Triad

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



3F7C71



746D92



8E6A51

Complementary

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



3F7C71



7C3F4A

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.



97655F



3F7C71



8A6685

Square

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



3F7C71



597397



966372



7F704B

Rectangle

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



3F7C71



387A8E



966372



926855

Sweetspot

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



3F7C71



89A19C



4A7C3F



43524F



D1D1D1



525252

Same Dimension

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



3F7C71



42A190



3F697C



373D3C



007D66



00FCCF

Inverse Universe

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



7C3F4A



A14253



7C523F



3D3738



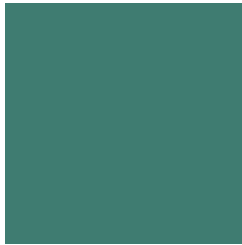
7D0017



FC002E

Previews

White Background



This preview shows how the Hex color 3F7C71 looks on a white background.

Color Contrast Check

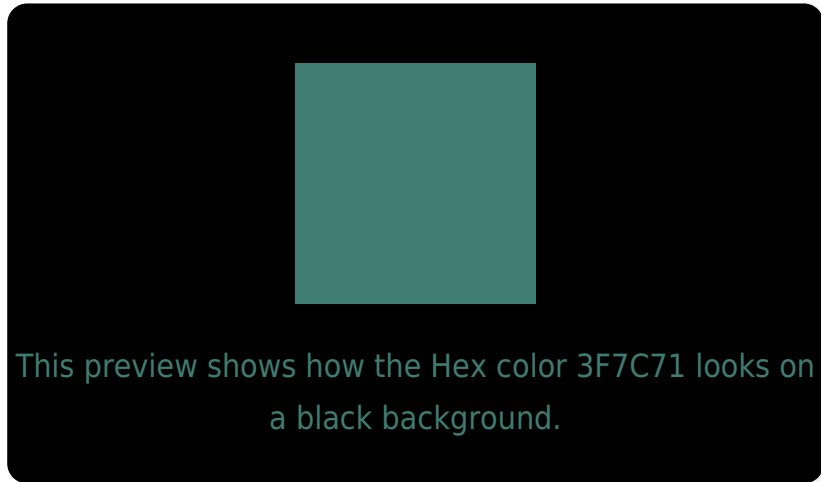
Large Text (above 18pt) WCAG AA ✓ Pass

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

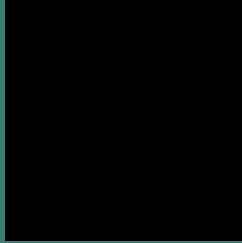
Any Text WCAG AA × Fail

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 3F7C71 Background



This preview shows how black text looks on a background with the Hex color 3F7C71.

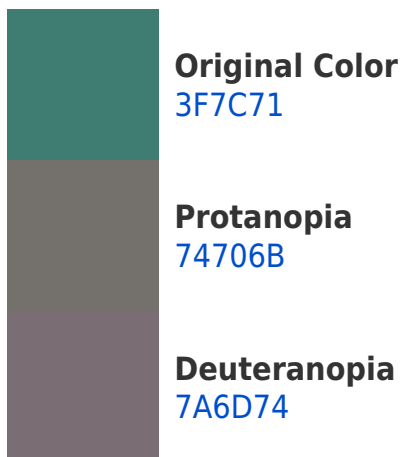


This preview shows how white text looks on a background with the Hex color 3F7C71.

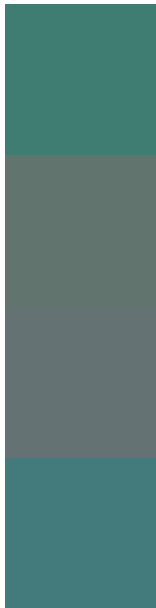
Color Blindness Simulation

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



Trichromacy



Original Color
3F7C71

Protanomaly
61746D

Deuteranomaly
657273

Tritanomaly
437A7C

Monochromacy



Original Color
3F7C71

Achromatopsia
696969

Achromatomaly
5A706C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7C71 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 #3F7C71 looks like.

```
.text, #text, p{  
    color:#3F7C71  
}
```

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 #3F7C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7C71
}
```

Border

The CSS property to change the border of an element to Hex 3F7C71 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
#3F7C71 }
```

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

```
.border{ border-color:#3F7C71 }
```

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

Here you see how a box with a 4 pixel #3F7C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7C71; -webkit-box-shadow:4px 4px  
4px 4px #3F7C71; box-shadow:4px 4px 4px  
4px #3F7C71 }
```

Background

The CSS property to change the background color of an element to Hex 3F7C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7C71 }
```

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

```
.background{ background-color:#3F7C71 }
```

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