

# Converting Colors

Hex(3C7A6C)

Have a look what the booklet for  
Hex(3C7A6C) contains.

<b>Hex(3C7A6C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3C7A6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C7A6C
RGB	60, 122, 108
RGB Percent	24%, 48%, 42%
CMY	0.7647, 0.5216, 0.5765
CMYK	0.51, 0.00, 0.11, 0.52
HSL	166°, 34%, 36%
HSV	166°, 51%, 48%
XYZ	11.5298, 15.9624, 16.6607
YIQ	101.8660, -32.4580, -17.4980

# Conversions

## Conversions Part 2

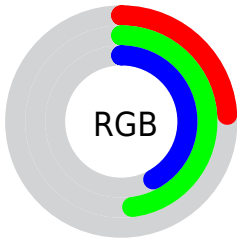
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 95, 122
Decimal	3963500
CIELab	46.93, -23.72, 1.52
CIElCh	47, 23.765, 176.336
Yxy	15.9624, 0.2611, 0.3615
Android (android.graphics.Color)	4282153580 (0xFF3C7A6C)
YUV	101.8660, 3.0241, -36.7165
Hunter-Lab	39.9530, -18.4056, 3.2427

# Details

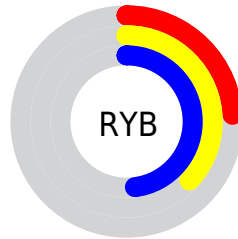
The Hex color **3C7A6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3C4A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **70AF9F**, and **00493D** is the 20% darker color. If you saturate the color by 10%, you get **307A69**, and if you desaturate by 10%, it is **487A6F**.

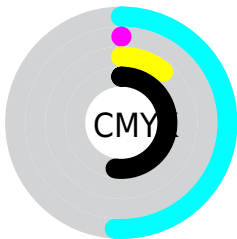
# Distribution



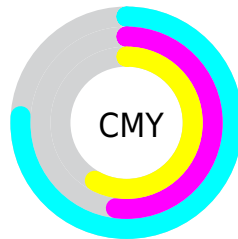
- Red (24%)
- Green (48%)
- Blue (42%)



- Red (24%)
- Yellow (37%)
- Blue (48%)



- Cyan (51%)
- Magenta (0%)
- Yellow (11%)
- Black (52%)



- Cyan (76%)
- Magenta (52%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C7A6C 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 3C7A6C by changing the saturation by 10% instead.



■ 3C7A6C

■ 3C7A6C

FFFFFF

■ 216154

■ 70AF9F

■ 00493D

■ 8BCABA

■ 003227

■ A6E7D6

■ 001E12

■ C2FFF2

■ 000000

■ DEFFFF

■ FBFFFF

■ 3C7A6C

■ 3C7A6C

■ 307A69

■ 487A6F

■ 247A66

■ 547A72

■ 177A64

■ 617A74

■ 0B7A61

■ 6D7A77

■ 007A5E

■ 797A7A

■ 857A7D

■ 917A7F

■ 9E7A82

■ AA7A85

# Harmonies

## Analogous

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



547859



3C7A6C



2C7A80

# Triad

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



3C7A6C



6F6B93



8F664F

# Complementary

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



3C7A6C



7A3C4A

# 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.



97615F



3C7A6C



866486

# Square

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



3C7A6C



517297



946072



7F6D47

# Rectangle

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



3C7A6C



2E788B



946072



926453



# Sweetspot

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



3C7A6C



869E99



4A7A3C



414F4C



CFCFCF



4F4F4F



# Same Dimension

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



3C7A6C



3E9E88



3C697A



373D3C



007D61



00FCC3



# Inverse Universe

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



7A3C4A



9E3E53



7A4D3C



3D3738



7D001C



FC0039



# Previews

## White Background



This preview shows how the Hex color 3C7A6C looks on a white background.

## Color Contrast Check

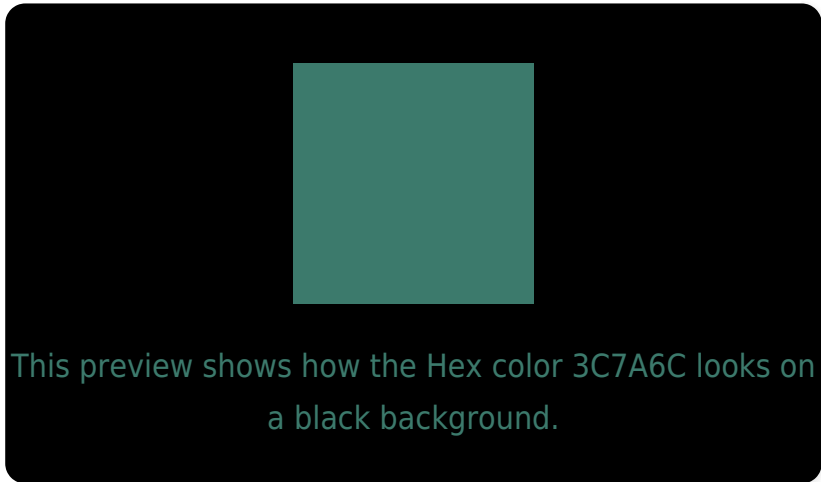
Large Text (above 18pt) WCAG AA ✓ Pass

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

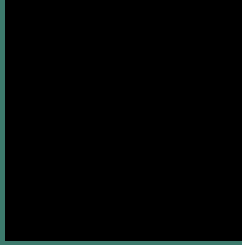
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C7A6C Background



This preview shows how black text looks on a background with the Hex color 3C7A6C.

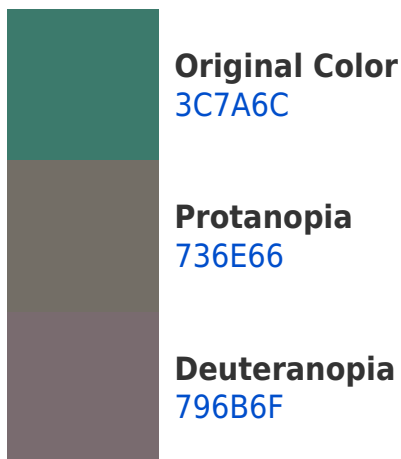


This preview shows how white text looks on a background with the Hex color 3C7A6C.

# 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](#).

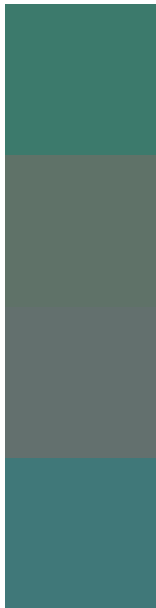
## Dichromacy





**Tritanopia**  
427781

# Trichromacy



**Original Color**  
3C7A6C

**Protanomaly**  
5F7268

**Deuteranomaly**  
63706E

**Tritanomaly**  
407879

# Monochromacy



**Original Color**  
3C7A6C

**Achromatopsia**  
666666

**Achromatomaly**  
576D68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C7A6C 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 #3C7A6C looks like.

```
.text, #text, p{  
    color:#3C7A6C  
}
```

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 #3C7A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7A6C
}
```

## Border

The CSS property to change the border of an element to Hex 3C7A6C 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".

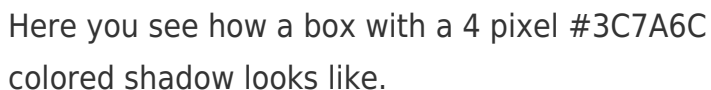
```
.border, #border, table{ border:4px solid
#3C7A6C }
```

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

```
.border{ border-color:#3C7A6C }
```

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

Here you see how a box with a 4 pixel #3C7A6C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7A6C; -webkit-box-shadow:4px 4px  
4px 4px #3C7A6C; box-shadow:4px 4px 4px  
4px #3C7A6C }
```

# Background

The CSS property to change the background color of an element to Hex 3C7A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7A6C }
```

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

```
.background{ background-color:#3C7A6C }
```

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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