

# Converting Colors

Hex(3C7A56)

Have a look what the booklet for  
Hex(3C7A56) contains.

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# Color

Hex(3C7A56)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C7A56
RGB	60, 122, 86
RGB Percent	24%, 48%, 34%
CMY	0.7647, 0.5216, 0.6627
CMYK	0.51, 0.00, 0.30, 0.52
HSL	145°, 34%, 36%
HSV	145°, 51%, 48%
XYZ	10.5027, 15.5516, 11.2523
YIQ	99.3580, -25.3960, -24.3400

# Conversions

## Conversions Part 2

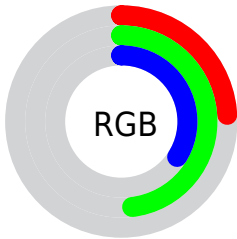
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 104, 122
Decimal	3963478
CIELab	46.38, -28.95, 13.70
CIELCh	46, 32.026, 154.677
Yxy	15.5516, 0.2815, 0.4169
Android (android.graphics.Color)	4282153558 (0xFF3C7A56)
YUV	99.3580, -6.5855, -34.5170
Hunter-Lab	39.4355, -21.4729, 10.6874

# Details

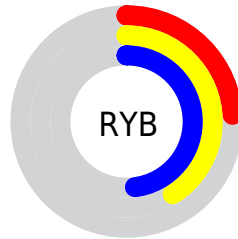
The Hex color **3C7A56** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7A3C60**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **70AF88**, and **014929** is the 20% darker color. If you saturate the color by 10%, you get **307A4F**, and if you desaturate by 10%, it is **487A5D**.

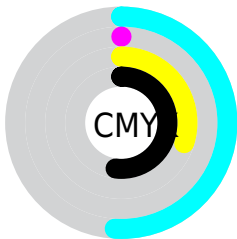
# Distribution



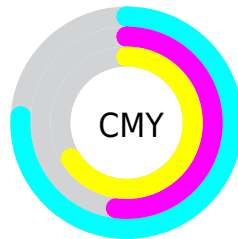
- Red (24%)
- Green (48%)
- Blue (34%)



- Red (24%)
- Yellow (41%)
- Blue (48%)



- Cyan (51%)
- Magenta (0%)
- Yellow (30%)
- Black (52%)



- Cyan (76%)
- Magenta (52%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C7A56 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 3C7A56 by changing the saturation by 10% instead.



 3C7A56

 3C7A56

FFFFFF

 22613F

 70AF88

 014929

 8ACBA2

 003114

 A5E7BD

 001E00

 C1FFD9

 000000

 DEFFF6

 FBFFFF

 3C7A56

 3C7A56

 307A4F

 487A5D

■ 247A48

■ 547A64

■ 177A41

■ 617A6B

■ 0B7A3A

■ 6D7A72

■ 007A33

■ 797A79

■ 857A81

■ 917A88

■ 9E7A8F

■ AA7A96

# Harmonies

## Analogous

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



5E7540



3C7A56



007C71

# Triad

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



3C7A56



4B6FA3



9F5C51

# Complementary

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



3C7A56



7A3C60

# 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.



A0586B



3C7A56



76659A

# Square

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



3C7A56



00779E



935C85



91643E

# Rectangle

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



3C7A56



007C83



935C85



A15A59



# Sweetspot

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



3C7A56



869E90



607A3C



414F47



CFCFCF



4F4F4F



# Same Dimension

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



3C7A56



3E9E66



3C7A75



373D3A



007D34



00FC6A



# Inverse Universe

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



7A3C60



9E3E76



7A3C41



3D373B



7D0049

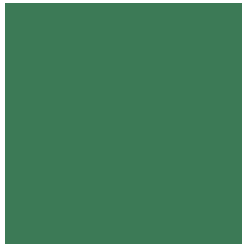


FC0093



# Previews

## White Background



This preview shows how the Hex color 3C7A56 looks on a white background.

## Color Contrast Check

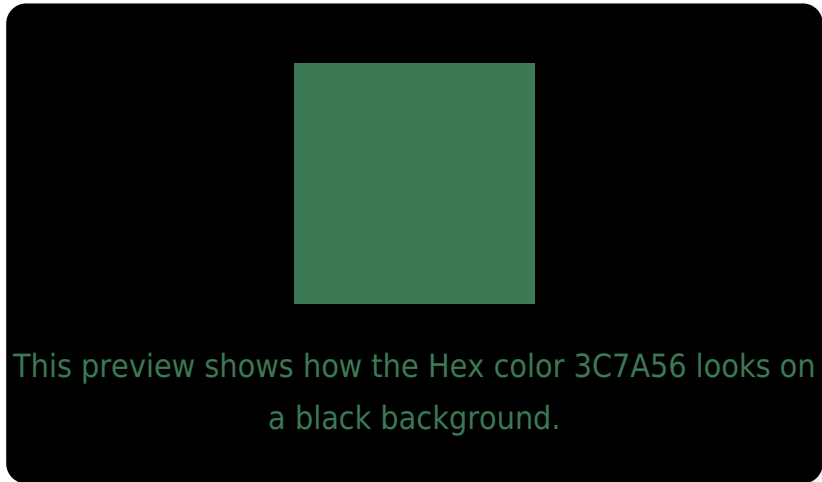
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C7A56 Background



This preview shows how black text looks on a background with the Hex color 3C7A56.



This preview shows how white text looks on a background with the Hex color 3C7A56.

# 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**  
3C7A56

**Protanopia**  
756D50

**Deuteranopia**  
7F695A



**Tritanopia**  
47757E

# Trichromacy



**Original Color**  
3C7A56

**Protanomaly**  
607252

**Deuteranomaly**  
676F59

**Tritanomaly**  
43776F

# Monochromacy



**Original Color**  
3C7A56

**Achromatopsia**  
636363

**Achromatomaly**  
556B5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C7A56 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 #3C7A56 looks like.

```
.text, #text, p{  
    color:#3C7A56  
}
```

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 #3C7A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7A56
}
```

## Border

The CSS property to change the border of an element to Hex 3C7A56 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
#3C7A56 }
```

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

```
.border{ border-color:#3C7A56 }
```

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

Here you see how a box with a 4 pixel #3C7A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7A56; -webkit-box-shadow:4px 4px  
4px 4px #3C7A56; box-shadow:4px 4px 4px  
4px #3C7A56 }
```

# Background

The CSS property to change the background color of an element to Hex 3C7A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7A56 }
```

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

```
.background{ background-color:#3C7A56 }
```

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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