

# Converting Colors

Hex(3C7E55)

Have a look what the booklet for  
Hex(3C7E55) contains.

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# Color

Hex(3C7E55)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C7E55
RGB	60, 126, 85
RGB Percent	24%, 49%, 33%
CMY	0.7647, 0.5059, 0.6667
CMYK	0.52, 0.00, 0.33, 0.51
HSL	143°, 35%, 36%
HSV	143°, 52%, 49%
XYZ	10.9640, 16.5382, 11.2087
YIQ	101.5920, -26.1750, -26.7430

# Conversions

## Conversions Part 2

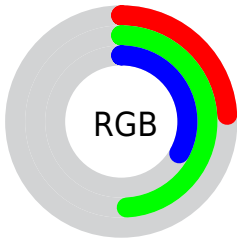
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 108, 126
Decimal	3964501
CIELab	47.67, -31.06, 16.05
CIELCh	48, 34.957, 152.673
Yxy	16.5382, 0.2832, 0.4272
Android (android.graphics.Color)	4282154581 (0xFF3C7E55)
YUV	101.5920, -8.1799, -36.4762
Hunter-Lab	40.6672, -23.0435, 12.1256

# Details

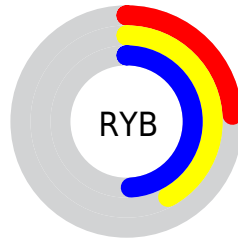
The Hex color **3C7E55** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7E3C65**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **70B387**, and **004C27** is the 20% darker color. If you saturate the color by 10%, you get **2F7E4D**, and if you desaturate by 10%, it is **497E5D**.

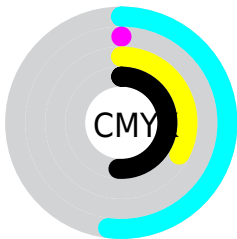
# Distribution



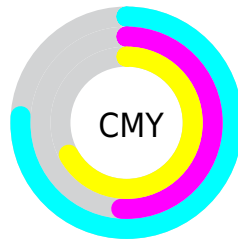
- Red (24%)
- Green (49%)
- Blue (33%)



- Red (24%)
- Yellow (42%)
- Blue (49%)



- Cyan (52%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (76%)
- Magenta (51%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C7E55 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 3C7E55 by changing the saturation by 10% instead.



■ 3C7E55

■ 3C7E55

FFFFFF

■ 21653E

■ 70B387

■ 004C27

■ 8BCFA1

■ 003513

■ A6EBBC

■ 002100

■ C2FFD8

■ 000000

■ DFFFF5

■ FCFFFF

■ 3C7E55

■ 3C7E55

■ 2F7E4D

■ 497E5D

■ 237E45

■ 557E65

■ 167E3E

■ 627E6C

■ 0A7E36

■ 6E7E74

■ 007E30

■ 7B7E7C

■ 887E84

■ 947E8C

■ A17E94

■ AD7E9B

# Harmonies

## Analogous

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



62793E



3C7E55



008073

# Triad

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



3C7E55



4573AC



A75C53

# Complementary

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



3C7E55



7E3C65

# 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.



A85970



3C7E55



7768A3

# Square

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



3C7E55



007BA5



985E8D



99663D

# Rectangle

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



3C7E55



008087



985E8D



A95A5C



# Sweetspot

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



3C7E55



89A393



667E3C



425248



D1D1D1



525252



# Same Dimension

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



3C7E55



3CA363



3C7E75



39403C



008030



000000



# Inverse Universe

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



7E3C65



A33C7C



7E3C45



40393D



80004F



000000



# Previews

## White Background



This preview shows how the Hex color 3C7E55 looks on a white background.

## Color Contrast Check

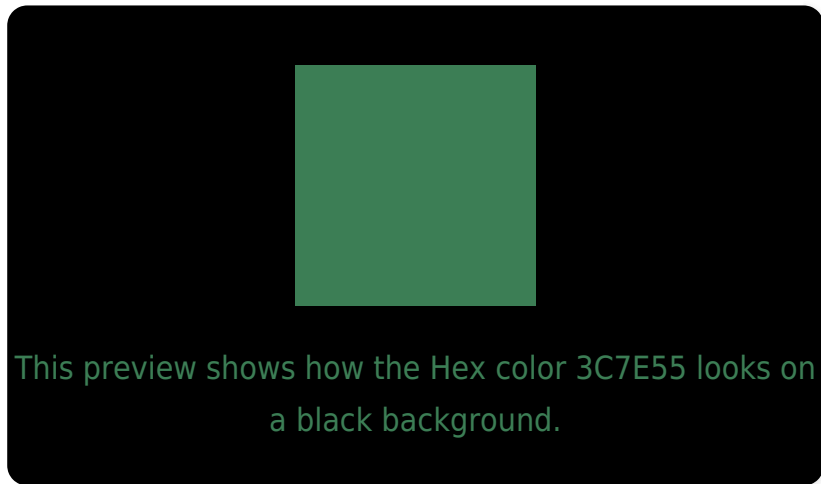
Large Text (above 18pt) WCAG AA ✓ Pass

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

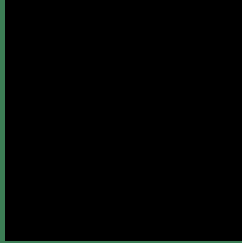
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C7E55 Background



This preview shows how black text looks on a background with the Hex color 3C7E55.



This preview shows how white text looks on a background with the Hex color 3C7E55.

# 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**  
3C7E55

**Protanopia**  
79704F

**Deuteranopia**  
836C59



**Tritanopia**  
487882

# Trichromacy



**Original Color**  
3C7E55

**Protanomaly**  
637551

**Deuteranomaly**  
697358

**Tritanomaly**  
447A72

# Monochromacy



**Original Color**  
3C7E55

**Achromatopsia**  
666666

**Achromatomaly**  
576F60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C7E55 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 #3C7E55 looks like.

```
.text, #text, p{  
    color:#3C7E55  
}
```

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 #3C7E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7E55
}
```

## Border

The CSS property to change the border of an element to Hex 3C7E55 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
#3C7E55 }
```

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

```
.border{ border-color:#3C7E55 }
```

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

Here you see how a box with a 4 pixel #3C7E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7E55; -webkit-box-shadow:4px 4px  
4px 4px #3C7E55; box-shadow:4px 4px 4px  
4px #3C7E55 }
```

# Background

The CSS property to change the background color of an element to Hex 3C7E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7E55 }
```

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

```
.background{ background-color:#3C7E55 }
```

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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