

Converting Colors

Hex(3C7759)

Have a look what the booklet for
Hex(3C7759) contains.

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Color

Hex(3C7759)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3C7759 |
| RGB | 60, 119, 89 |
| RGB Percent | 24%, 47%, 35% |
| CMY | 0.7647, 0.5333, 0.6510 |
| CMYK | 0.50, 0.00, 0.25, 0.53 |
| HSL | 149°, 33%, 35% |
| HSV | 149°, 50%, 47% |
| XYZ | 10.2635, 14.8756, 11.7815 |
| YIQ | 97.9390, -25.5340, -21.8380 |

Conversions

Conversions Part 2

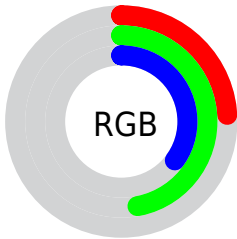
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 60, 100, 119 |
| Decimal | 3962713 |
| CIE Lab | 45.46, -26.83, 10.67 |
| CIE LCh | 45, 28.873, 158.318 |
| Yxy | 14.8756, 0.2780, 0.4029 |
| Android (android.graphics.Color) | 4282152793 (0xFF3C7759) |
| YUV | 97.9390, -4.4069, -33.2725 |
| Hunter-Lab | 38.5689, -19.9953, 8.8871 |

Details

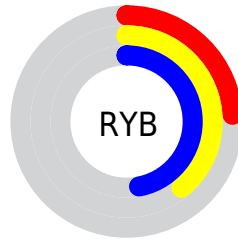
The Hex color **3C7759** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **773C5A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6FAC8B**, and **03462B** is the 20% darker color. If you saturate the color by 10%, you get **307753**, and if you desaturate by 10%, it is **48775F**.

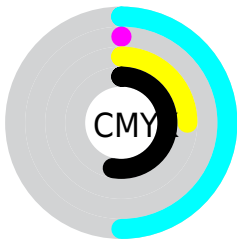
Distribution



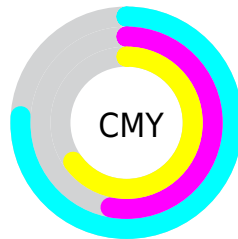
- Red (24%)
- Green (47%)
- Blue (35%)



- Red (24%)
- Yellow (39%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7759 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 3C7759 by changing the saturation by 10% instead.

 3C7759

 3C7759

FFFFFF

 225E42

 6FAC8B

 03462B

 8AC7A5

 002F17

 A5E3C1

 001C00

 C1FFDC

 000000

 DDFFF9

 FAFFFF

 3C7759

 3C7759

 307753

 48775F

■ 24774D

■ 547765

■ 187747

■ 60776B

■ 0C7741

■ 6C7771

■ 00773B

■ 777777

■ 00773A

■ 83777D

■ 8F7783

■ 9B7789

■ A7778F

Harmonies

Analogous

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



5B7345



3C7759



127872

Triad

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



3C7759



536C9B



975C4F

Complementary

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



3C7759



773C5A

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.



9A5866



3C7759



776392

Square

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



3C7759



247398



8F5B7E



8A643F

Rectangle

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



3C7759



007882



8F5B7E



9A5A56

Sweetspot

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



3C7759



849C90



5A773C



414F48



CFCFCF



4F4F4F

Same Dimension

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



3C7759



409C6D



3C7776



353B38



007A3C



00FA7B

Inverse Universe

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



773C5A



9C406E



773C3D



3B3538



7A003E



FA007F

Previews

White Background



This preview shows how the Hex color 3C7759 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

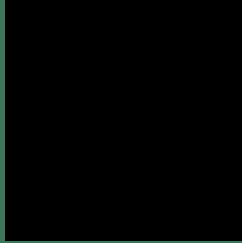
Any Text WCAG AA × Fail

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 3C7759 Background



This preview shows how black text looks on a background with the Hex color 3C7759.



This preview shows how white text looks on a background with the Hex color 3C7759.

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
45727C

Trichromacy



Original Color
3C7759

Protanomaly
5E6F55

Deuteranomaly
646D5B

Tritanomaly
42746F

Monochromacy



Original Color
3C7759

Achromatopsia
626262

Achromatomaly
546A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7759 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 #3C7759 looks like.

```
.text, #text, p{  
    color:#3C7759  
}
```

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 #3C7759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7759
}
```

Border

The CSS property to change the border of an element to Hex 3C7759 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
#3C7759 }
```

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

```
.border{ border-color:#3C7759 }
```

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

Here you see how a box with a 4 pixel #3C7759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7759; -webkit-box-shadow:4px 4px  
4px 4px #3C7759; box-shadow:4px 4px 4px  
4px #3C7759 }
```

Background

The CSS property to change the background color of an element to Hex 3C7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7759 }
```

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

```
.background{ background-color:#3C7759 }
```

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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