

# Converting Colors

Hex(3C7959)

Have a look what the booklet for  
Hex(3C7959) contains.

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# Color

Hex(3C7959)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C7959
RGB	60, 121, 89
RGB Percent	24%, 47%, 35%
CMY	0.7647, 0.5255, 0.6510
CMYK	0.50, 0.00, 0.26, 0.53
HSL	149°, 34%, 35%
HSV	149°, 50%, 47%
XYZ	10.5040, 15.3567, 11.8617
YIQ	99.1130, -26.0840, -22.8840

# Conversions

## Conversions Part 2

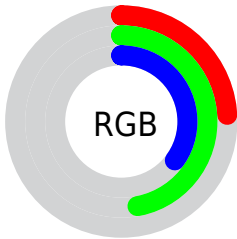
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 101, 121
Decimal	3963225
CIELab	46.12, -27.81, 11.58
CIElCh	46, 30.126, 157.390
Yxy	15.3567, 0.2785, 0.4071
Android (android.graphics.Color)	4282153305 (0xFF3C7959)
YUV	99.1130, -4.9857, -34.3021
Hunter-Lab	39.1876, -20.7323, 9.4848

# Details

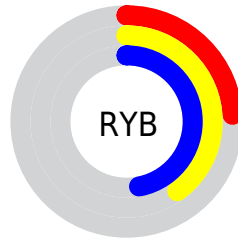
The Hex color **3C7959** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **793C5C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6FAE8B**, and **02482B** is the 20% darker color. If you saturate the color by 10%, you get **307953**, and if you desaturate by 10%, it is **48795F**.

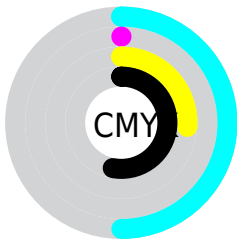
# Distribution



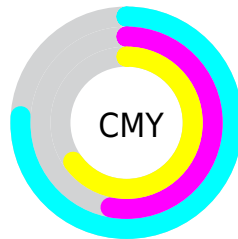
- Red (24%)
- Green (47%)
- Blue (35%)



- Red (24%)
- Yellow (40%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (26%)
- Black (53%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C7959 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 3C7959 by changing the saturation by 10% instead.





3C7959



3C7959

FFFFFF



226042



6FAE8B



02482B



8AC9A5



003117



A5E6C1



001E00



C1FFDC



000000



DDFFF9



FAFFFF



3C7959



3C7959



307953



48795F

■ 24794C

■ 547966

■ 187946

■ 60796C

■ 0C7940

■ 6C7972

■ 00793A

■ 787979

■ 85797F

■ 917985

■ 9D798C

■ A97992

# Harmonies

## Analogous

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



5C7544



3C7959



097B73

# Triad

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



3C7959



526E9F



9B5D50

# Complementary

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



3C7959



793C5C

# 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.



9D5968



3C7959



786495

# Square

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



3C7959



1C759B



925C81



8D653F

# Rectangle

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



3C7959



007A84



925C81



9D5B57



# Sweetspot

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



3C7959



869E92



5D793C



414F48



CFCFCF



4F4F4F



# Same Dimension

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



3C7959



3F9E6C



3C7977



373D3A



007D3B



00FC78



# Inverse Universe

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



793C5C



9E3F71



793C3E



3D373A



7D0042



FC0084



# Previews

## White Background



This preview shows how the Hex color 3C7959 looks on a white background.

## Color Contrast Check

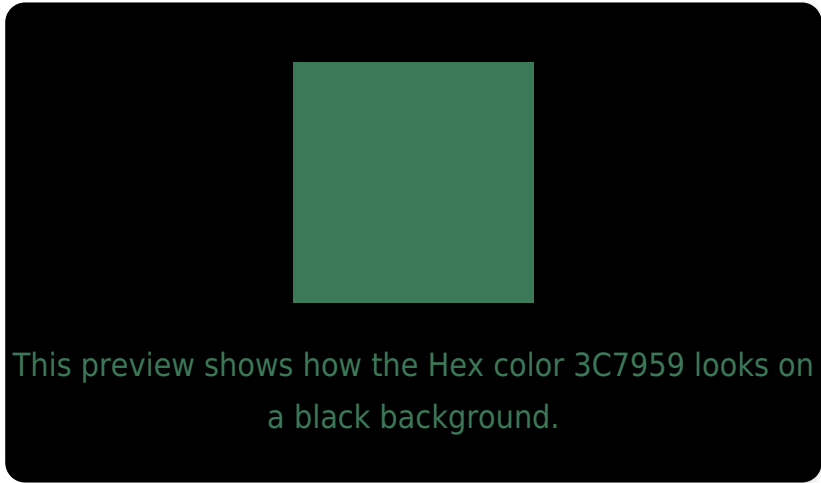
Large Text (above 18pt) WCAG AA ✓ Pass

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

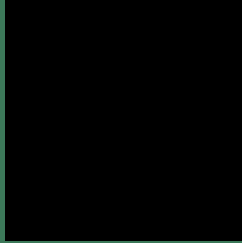
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C7959 Background



This preview shows how black text looks on a background with the Hex color 3C7959.

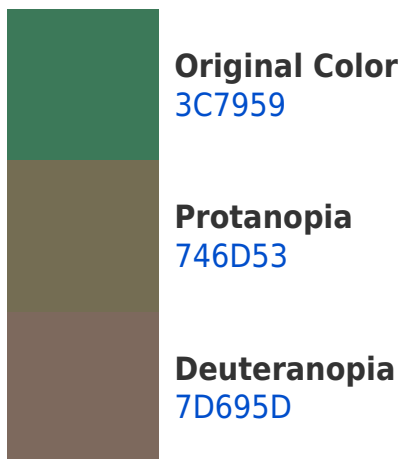


This preview shows how white text looks on a background with the Hex color 3C7959.

# 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**  
46747E

# Trichromacy



**Original Color**  
3C7959

**Protanomaly**  
607155

**Deuteranomaly**  
656F5C

**Tritanomaly**  
427671

# Monochromacy



**Original Color**  
3C7959

**Achromatopsia**  
636363

**Achromatomaly**  
556B5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C7959 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 #3C7959 looks like.

```
.text, #text, p{  
    color:#3C7959  
}
```

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 #3C7959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7959
}
```

## Border

The CSS property to change the border of an element to Hex 3C7959 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
#3C7959 }
```

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

```
.border{ border-color:#3C7959 }
```

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

Here you see how a box with a 4 pixel #3C7959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7959; -webkit-box-shadow:4px 4px  
4px 4px #3C7959; box-shadow:4px 4px 4px  
4px #3C7959 }
```

# Background

The CSS property to change the background color of an element to Hex 3C7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7959 }
```

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

```
.background{ background-color:#3C7959 }
```

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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