

# Converting Colors

Hex(39774C)

Have a look what the booklet for  
Hex(39774C) contains.

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**Color**

**Hex(39774C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39774C
RGB	57, 119, 76
RGB Percent	22%, 47%, 30%
CMY	0.7765, 0.5333, 0.7020
CMYK	0.52, 0.00, 0.36, 0.53
HSL	138°, 35%, 35%
HSV	138°, 52%, 47%
XYZ	9.5887, 14.5853, 9.1473
YIQ	95.5600, -23.1490, -26.5170

# Conversions

## Conversions Part 2

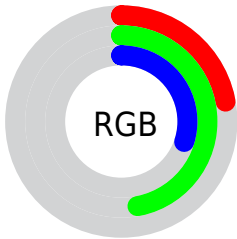
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 104, 119
Decimal	3766092
CIELab	45.06, -30.43, 17.68
CIElCh	45, 35.197, 149.841
Yxy	14.5853, 0.2878, 0.4377
Android (android.graphics.Color)	4281956172 (0xFF39774C)
YUV	95.5600, -9.6431, -33.8171
Hunter-Lab	38.1907, -22.0172, 12.5325

# Details

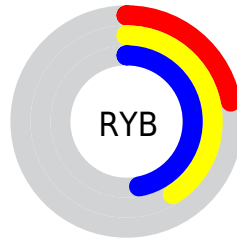
The Hex color **39774C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **773964**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6DAC7D**, and **00461F** is the 20% darker color. If you saturate the color by 10%, you get **2D7744**, and if you desaturate by 10%, it is **457754**.

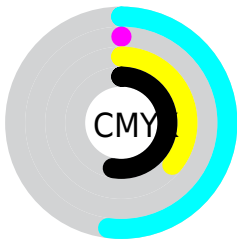
# Distribution



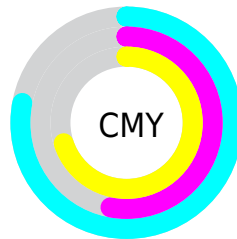
- Red (22%)
- Green (47%)
- Blue (30%)



- Red (22%)
- Yellow (41%)
- Blue (47%)



- Cyan (52%)
- Magenta (0%)
- Yellow (36%)
- Black (53%)



- Cyan (78%)
- Magenta (53%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39774C 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 39774C by changing the saturation by 10% instead.





39774C



39774C

FFFFFF



1F5E35



6DAC7D



00461F



87C797



002F09



A2E4B2



001A00



BEFFCE



000000



DAFFEA



F7FFFF



39774C



39774C



2D7744



457754

■ 21773B

■ 51775D

■ 157733

■ 5D7765

■ 09772B

■ 69776D

■ 007724

■ 747775

■ 80777E

■ 8C7786

■ 98778E

■ A47796

# Harmonies

## Analogous

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



5E7236



39774C



007969

# Triad

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



39774C



366EA5



A1554F

# Complementary

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



39774C



773964

# 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.



A0526C



39774C



6C639E

# Square

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



39774C



00759D



8F5889



935E38

# Rectangle

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



39774C



007A7E



8F5889



A25358



# Sweetspot

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



39774C



839C8A



647739



404F45



CFCFCF



4F4F4F



# Same Dimension

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



39774C



3A9C58



39776B



353B37



007A26



00FA4D



# Inverse Universe

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



773964



9C3A7E



773945



3B3539



7A0055

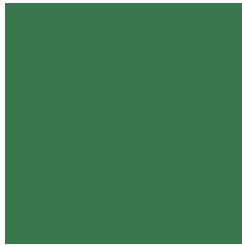


FA00AD



# Previews

## White Background



This preview shows how the Hex color 39774C looks on a white background.

## Color Contrast Check

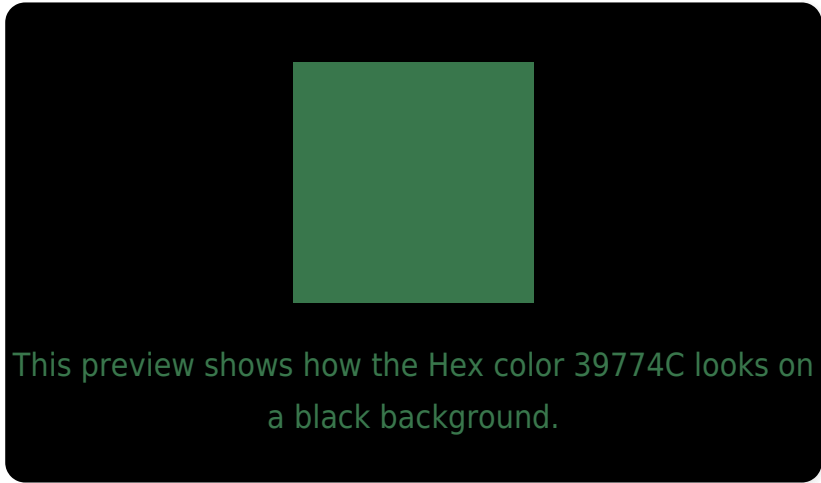
Large Text (above 18pt) WCAG AA ✓ Pass

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 39774C Background



This preview shows how black text looks on a background with the Hex color 39774C.



This preview shows how white text looks on a background with the Hex color 39774C.

# 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**  
39774C

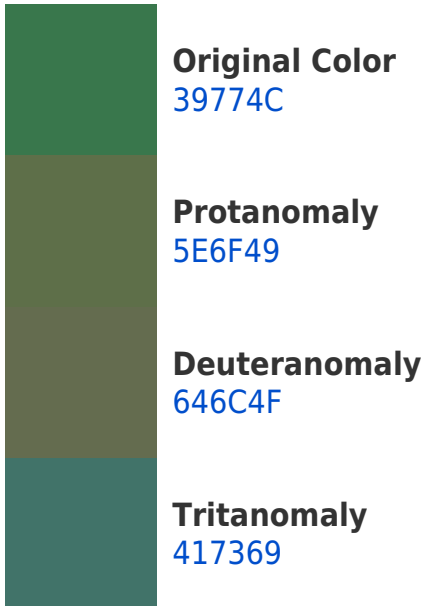
**Protanopia**  
736A47

**Deuteranopia**  
7D6650

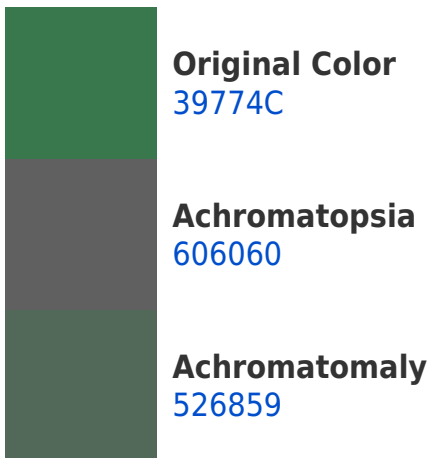


**Tritanopia**  
45717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39774C 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 #39774C looks like.

```
.text, #text, p{  
    color:#39774C  
}
```

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 #39774C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39774C
}
```

## Border

The CSS property to change the border of an element to Hex 39774C 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".

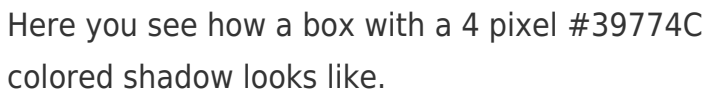
```
.border, #border, table{ border:4px solid
#39774C }
```

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

```
.border{ border-color:#39774C }
```

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

Here you see how a box with a 4 pixel #39774C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39774C; -webkit-box-shadow:4px 4px  
4px 4px #39774C; box-shadow:4px 4px 4px  
4px #39774C }
```

# Background

The CSS property to change the background color of an element to Hex 39774C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39774C }
```

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

```
.background{ background-color:#39774C }
```

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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