

# Converting Colors

Hex(40754C)

Have a look what the booklet for  
Hex(40754C) contains.

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# Color

Hex(40754C)

# Conversions

## Conversions Part 1

Format	Color
Hex	40754C
RGB	64, 117, 76
RGB Percent	25%, 46%, 30%
CMY	0.7490, 0.5412, 0.7020
CMYK	0.45, 0.00, 0.35, 0.54
HSL	134°, 29%, 35%
HSV	134°, 45%, 46%
XYZ	9.7801, 14.3344, 9.0888
YIQ	96.4790, -18.4270, -23.9870

# Conversions

## Conversions Part 2

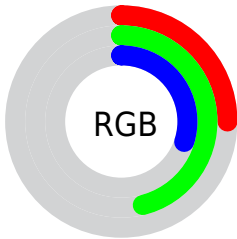
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 107, 117
Decimal	4224332
CIELab	44.71, -27.38, 17.26
CIELCh	45, 32.364, 147.764
Yxy	14.3344, 0.2946, 0.4317
Android (android.graphics.Color)	4282414412 (0xFF40754C)
YUV	96.4790, -10.0961, -28.4841
Hunter-Lab	37.8608, -20.1464, 12.2694

# Details

The Hex color **40754C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **754069**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **73AA7D**, and **0C441F** is the 20% darker color. If you saturate the color by 10%, you get **347543**, and if you desaturate by 10%, it is **4C7555**.

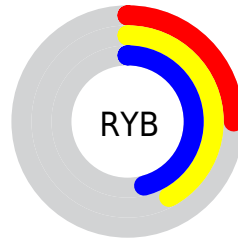
# Distribution



Red (25%)

Green (46%)

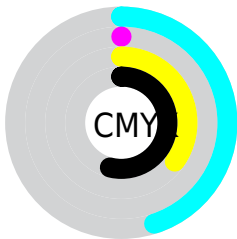
Blue (30%)



Red (25%)

Yellow (42%)

Blue (46%)

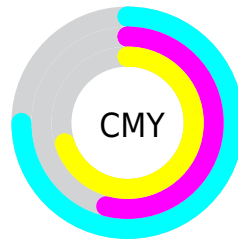


Cyan (45%)

Magenta (0%)

Yellow (35%)

Black (54%)



Cyan (75%)

Magenta (54%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40754C 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 40754C by changing the saturation by 10% instead.





40754C



40754C

FFFFFF



275C35



73AA7D



0C441F



8DC597



002D09



A8E1B2



001900



C4FECE



000000



E0FFEA

FDFFFF



40754C



40754C



347543



4C7555

■ 29753A

■ 57755E

■ 1D7531

■ 637567

■ 117528

■ 6F7570

■ 06751F

■ 7B7579

■ 00751A

■ 867582

■ 92758B

■ 9E7594

■ A9759D

# Harmonies

## Analogous

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



617039



40754C



067867

# Triad

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



40754C



396D9F



9C5652

# Complementary

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



40754C



754069

# 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.



9A546D



40754C



696499

# Square

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



40754C



007497



895A87



915E3D

# Rectangle

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



40754C



007879



895A87



9D545B



# Sweetspot

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



40754C



849988



6A7540



3F4D42



CCCCCC



4D4D4D



# Same Dimension

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



40754C



469959



407566



353B36



007A1C



00FA39



# Inverse Universe

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



754069



994686



75404F



3B3539



7A005F



FA00C1



# Previews

## White Background



This preview shows how the Hex color 40754C looks on a white background.

## Color Contrast Check

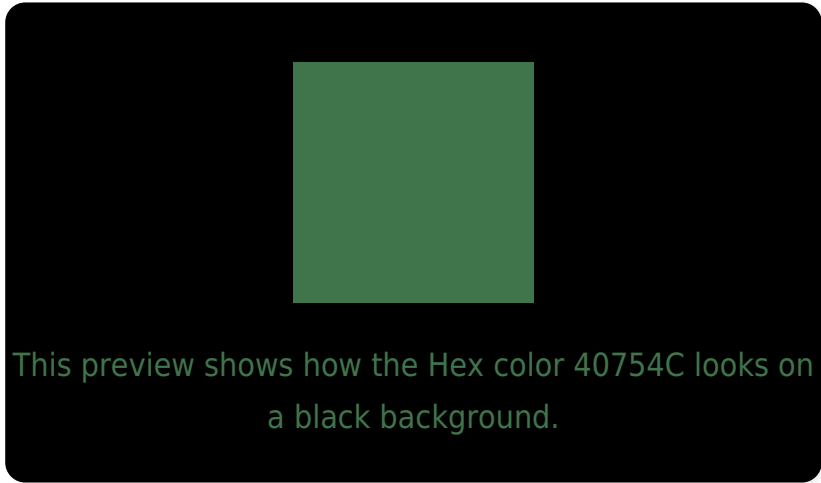
Large Text (above 18pt) WCAG AA ✓ Pass

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

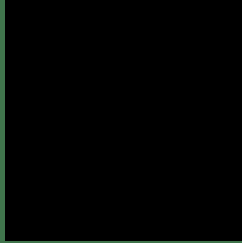
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40754C Background



This preview shows how black text looks on a background with the Hex color 40754C.



This preview shows how white text looks on a background with the Hex color 40754C.

# 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**  
40754C

**Protanopia**  
726947

**Deuteranopia**  
7C6550

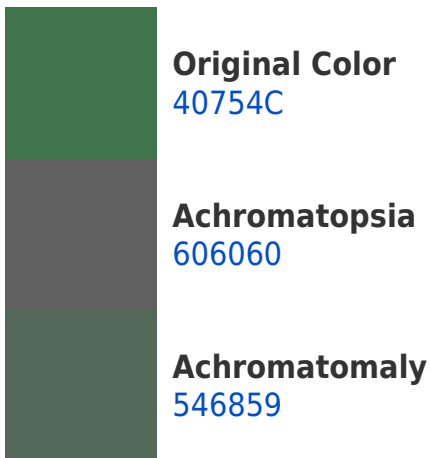


**Tritanopia**  
4A7078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40754C 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 #40754C looks like.

```
.text, #text, p{  
    color:#40754C  
}
```

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 #40754C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40754C
}
```

## Border

The CSS property to change the border of an element to Hex 40754C 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".

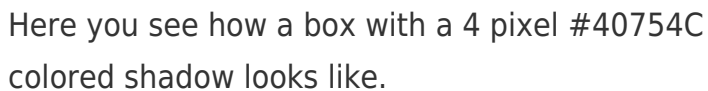
```
.border, #border, table{ border:4px solid
#40754C }
```

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

```
.border{ border-color:#40754C }
```

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

Here you see how a box with a 4 pixel #40754C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40754C; -webkit-box-shadow:4px 4px  
4px 4px #40754C; box-shadow:4px 4px 4px  
4px #40754C }
```

# Background

The CSS property to change the background color of an element to Hex 40754C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40754C }
```

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

```
.background{ background-color:#40754C }
```

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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