

# Converting Colors

Hex(3D4C42)

Have a look what the booklet for  
Hex(3D4C42) contains.

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# Color

Hex(3D4C42)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D4C42
RGB	61, 76, 66
RGB Percent	24%, 30%, 26%
CMY	0.7608, 0.7020, 0.7412
CMYK	0.20, 0.00, 0.13, 0.70
HSL	140°, 11%, 27%
HSV	140°, 20%, 30%
XYZ	5.4923, 6.5543, 6.1299
YIQ	70.3750, -5.7300, -6.2900

# Conversions

## Conversions Part 2

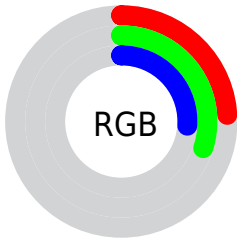
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 72, 76
Decimal	4017218
CIE <sub>Lab</sub>	30.77, -8.29, 3.99
CIE <sub>LCh</sub>	31, 9.199, 154.327
Yxy	6.5543, 0.3022, 0.3606
Android (android.graphics.Color)	4282207298 (0xFF3D4C42)
YUV	70.3750, -2.1569, -8.2219
Hunter-Lab	25.6014, -6.5089, 3.7249

# Details

The Hex color **3D4C42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C3D47**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6D7D72**, and **132017** is the 20% darker color. If you saturate the color by 10%, you get **354C3D**, and if you desaturate by 10%, it is **454C47**.

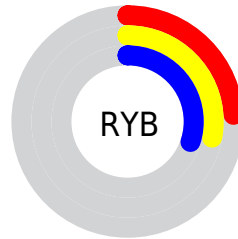
# Distribution



Red (24%)

Green (30%)

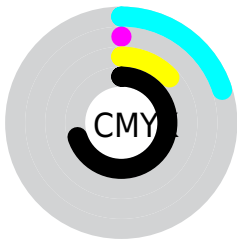
Blue (26%)



Red (24%)

Yellow (28%)

Blue (30%)

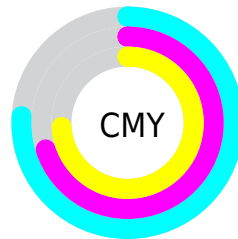


Cyan (20%)

Magenta (0%)

Yellow (13%)

Black (70%)



Cyan (76%)

Magenta (70%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D4C42 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 3D4C42 by changing the saturation by 10% instead.





3D4C42



3D4C42

FFFFFF



27352C



6D7D72



132017



86978B



000500



A0B1A6



000000



BBCDC1



D7E9DD



F3FFF9



3D4C42



3D4C42



354C3D



454C47

■ 2E4C38

■ 4C4C4C

■ 264C33

■ 544C51

■ 1F4C2E

■ 5B4C56

■ 174C29

■ 634C5B

■ 0F4C24

■ 6B4C60

■ 084C1F

■ 724C65

■ 004C19

■ 7A4C6B

■ 814C70

# Harmonies

## Analogous

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



454A3C



3D4C42



374D49

# Triad

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



3D4C42



424957



574441

# Complementary

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



3D4C42



4C3D47

# 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.



574348



3D4C42



4B4654

# Square

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



3D4C42



3A4B55



53444F



54463C

# Rectangle

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



3D4C42



354C4E



53444F



584443



# Sweetspot

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



3D4C42



5D635F



474C3D



2F3331



B3B3B3



333333



# Same Dimension

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



3D4C42



4C6354



3D4C4A



222624



006622



00E64D



# Inverse Universe

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



4C3D47



634C5B



4C3D40



262225



660044

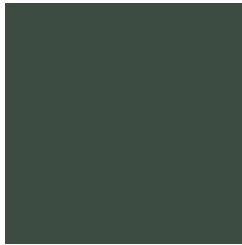


E60099



# Previews

## White Background



This preview shows how the Hex color 3D4C42 looks on a white background.

## Color Contrast Check

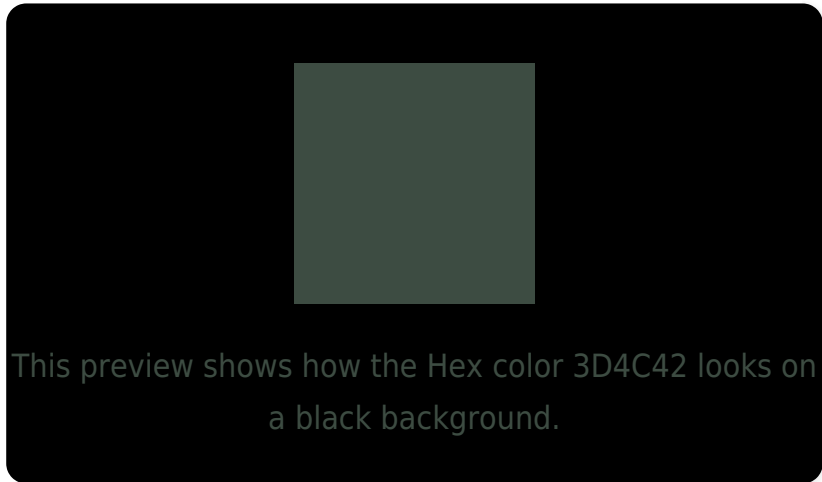
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

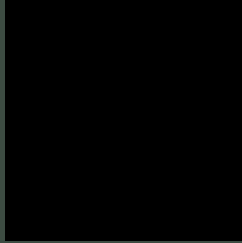
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D4C42 Background



This preview shows how black text looks on a background with the Hex color 3D4C42.



This preview shows how white text looks on a background with the Hex color 3D4C42.

# 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**  
3D4C42

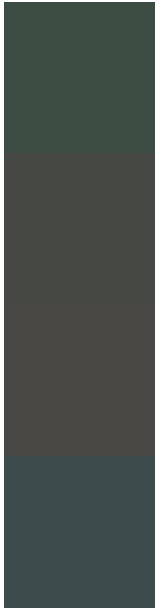
**Protanopia**  
4B4840

**Deuteranopia**  
514643



**Tritanopia**  
3F4A50

# Trichromacy



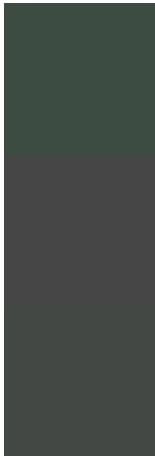
**Original Color**  
3D4C42

**Protanomaly**  
464941

**Deuteranomaly**  
4A4843

**Tritanomaly**  
3E4B4B

# Monochromacy



**Original Color**  
3D4C42

**Achromatopsia**  
464646

**Achromatomaly**  
434845

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D4C42 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 #3D4C42 looks like.

```
.text, #text, p{  
    color:#3D4C42  
}
```

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 #3D4C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4C42
}
```

## Border

The CSS property to change the border of an element to Hex 3D4C42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

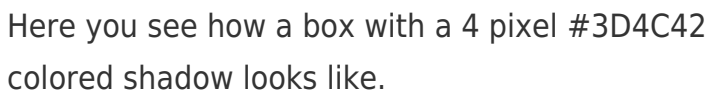
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4C42 }
```

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

```
.border{ border-color:#3D4C42 }
```

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



Here you see how a box with a 4 pixel `#3D4C42` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4C42; -webkit-box-shadow:4px 4px  
4px 4px #3D4C42; box-shadow:4px 4px 4px  
4px #3D4C42 }
```

# Background

The CSS property to change the background color of an element to Hex 3D4C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4C42 }
```

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

```
.background{ background-color:#3D4C42 }
```

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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