

# Converting Colors

Hex(3F4D42)

Have a look what the booklet for  
Hex(3F4D42) contains.

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# Color

Hex(3F4D42)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F4D42
RGB	63, 77, 66
RGB Percent	25%, 30%, 26%
CMY	0.7529, 0.6980, 0.7412
CMYK	0.18, 0.00, 0.14, 0.70
HSL	133°, 10%, 27%
HSV	133°, 18%, 30%
XYZ	5.6871, 6.7579, 6.1589
YIQ	71.5600, -4.8130, -6.3890

# Conversions

## Conversions Part 2

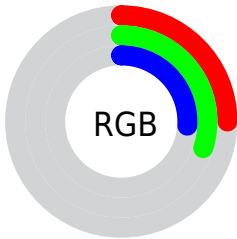
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 75, 77
Decimal	4148546
CIELab	31.25, -8.10, 4.69
CIELCh	31, 9.357, 149.914
Yxy	6.7579, 0.3057, 0.3632
Android (android.graphics.Color)	4282338626 (0xFF3F4D42)
YUV	71.5600, -2.7411, -7.5071
Hunter-Lab	25.9959, -6.4422, 4.1502

# Details

The Hex color **3F4D42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D3F4A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6F7E72**, and **142117** is the 20% darker color. If you saturate the color by 10%, you get **374D3C**, and if you desaturate by 10%, it is **474D48**.

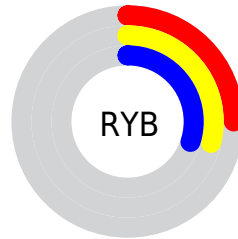
# Distribution



Red (25%)

Green (30%)

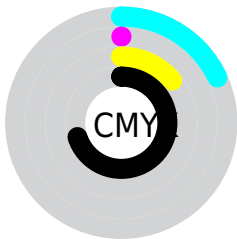
Blue (26%)



Red (25%)

Yellow (29%)

Blue (30%)

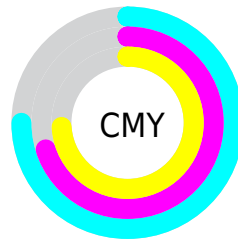


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (70%)



Cyan (75%)

Magenta (70%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F4D42 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 3F4D42 by changing the saturation by 10% instead.





3F4D42



3F4D42

FFFFFF



29362C



6F7E72



142117



88988B



000900



A2B3A6



000000



BECEC1



D9EADD



F6FFF9



3F4D42



3F4D42



374D3C



474D48

■ 304D36

■ 4E4D4E

■ 284D30

■ 564D54

■ 204D2A

■ 5E4D5A

■ 194D24

■ 664D60

■ 114D1E

■ 6D4D66

■ 094D18

■ 754D6C

■ 014D12

■ 7D4D72

■ 004D11

■ 844D78

# Harmonies

## Analogous

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



474B3D



3F4D42



384E49

# Triad

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



3F4D42



414A58



594543

# Complementary

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



3F4D42



4D3F4A

# 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.



58444A



3F4D42



4B4856

# Square

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



3F4D42



394C56



534651



56473D

# Rectangle

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



3F4D42



364E4E



534651



594545



# Sweetspot

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



3F4D42



5E6360



4A4D3F



303331



B3B3B3



333333



# Same Dimension

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



3F4D42



4E6352



3F4D49



222623



006616



00E631



# Inverse Universe

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



4D3F4A



634E5F



4D3F43



262225



660050



E600B4



# Previews

## White Background



This preview shows how the Hex color 3F4D42 looks on a white background.

## Color Contrast Check

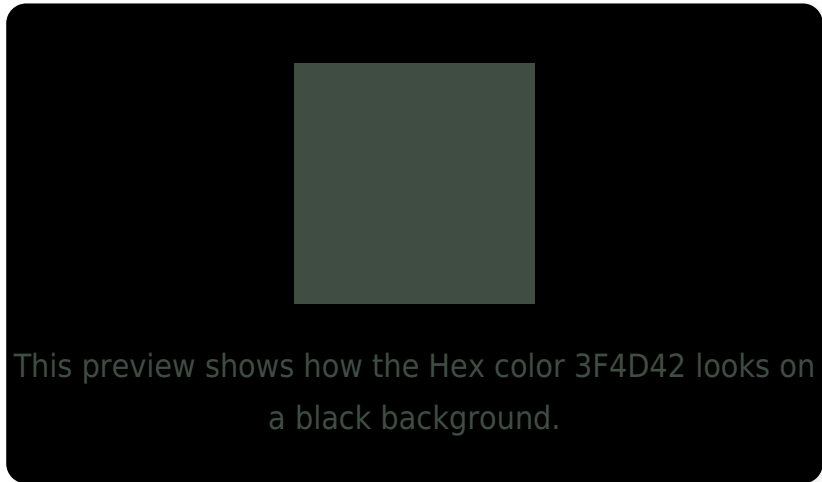
Large Text (above 18pt) WCAG AA ✓ Pass

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

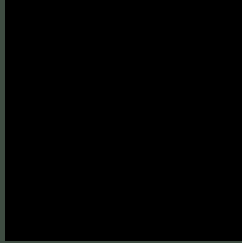
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F4D42 Background



This preview shows how black text looks on a background with the Hex color 3F4D42.

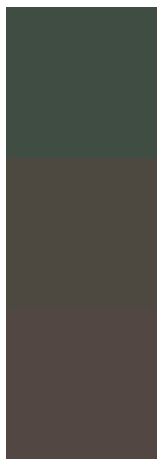


This preview shows how white text looks on a background with the Hex color 3F4D42.

# 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**  
3F4D42

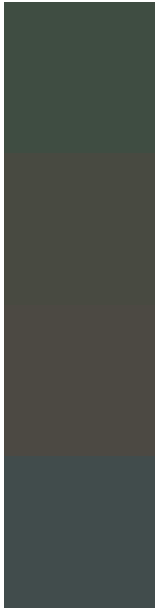
**Protanopia**  
4D4940

**Deuteranopia**  
534743



**Tritanopia**  
424B51

# Trichromacy



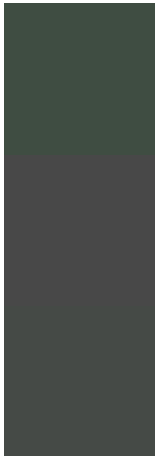
**Original Color**  
3F4D42

**Protanomaly**  
484A41

**Deuteranomaly**  
4C4943

**Tritanomaly**  
414C4C

# Monochromacy



**Original Color**  
3F4D42

**Achromatopsia**  
484848

**Achromatomaly**  
454A46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F4D42 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 #3F4D42 looks like.

```
.text, #text, p{  
    color:#3F4D42  
}
```

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 #3F4D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4D42
}
```

## Border

The CSS property to change the border of an element to Hex 3F4D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

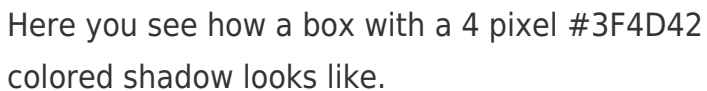
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4D42 }
```

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

```
.border{ border-color:#3F4D42 }
```

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



Here you see how a box with a 4 pixel #3F4D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4D42; -webkit-box-shadow:4px 4px  
4px 4px #3F4D42; box-shadow:4px 4px 4px  
4px #3F4D42 }
```

# Background

The CSS property to change the background color of an element to Hex 3F4D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4D42 }
```

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

```
.background{ background-color:#3F4D42 }
```

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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