

# Converting Colors

Hex(3F443C)

Have a look what the booklet for  
Hex(3F443C) contains.

<b>Hex(3F443C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3F443C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F443C
RGB	63, 68, 60
RGB Percent	25%, 27%, 24%
CMY	0.7529, 0.7333, 0.7647
CMYK	0.07, 0.00, 0.12, 0.73
HSL	97°, 6%, 25%
HSV	97°, 12%, 27%
XYZ	4.9326, 5.5173, 5.0799
YIQ	65.5930, -0.4120, -3.5480

# Conversions

## Conversions Part 2

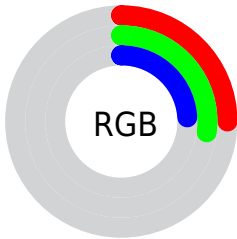
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 68, 65
Decimal	4146236
CIELab	28.16, -3.84, 4.14
CIELCh	28, 5.649, 132.885
Yxy	5.5173, 0.3176, 0.3553
Android (android.graphics.Color)	4282336316 (0xFF3F443C)
YUV	65.5930, -2.7573, -2.2741
Hunter-Lab	23.4888, -3.6206, 3.6195

# Details

The Hex color **3F443C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **413C44**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6F746B**, and **151912** is the 20% darker color. If you saturate the color by 10%, you get **3B4435**, and if you desaturate by 10%, it is **434443**.

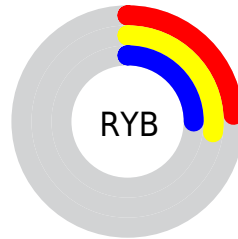
# Distribution



Red (25%)

Green (27%)

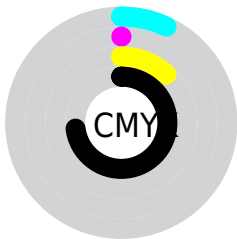
Blue (24%)



Red (24%)

Yellow (27%)

Blue (25%)

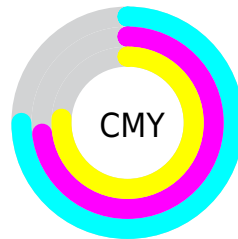


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F443C 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 3F443C by changing the saturation by 10% instead.





3F443C



3F443C

FFFFFF



292E26



6F746B



151912



888E84



000000



A2A89F



BDC3B9



D9DFD5



F5FCF2



3F443C



3F443C



3B4435



434443

■ 37442E

■ 48444A

■ 324428

■ 4C4450

■ 2E4421

■ 504457

■ 2A441A

■ 54445E

■ 264413

■ 584465

■ 21440C

■ 5D446C

■ 1D4406

■ 614472

■ 1A4400

■ 654479

# Harmonies

## Analogous

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



44433A



3F443C



3B4540

# Triad

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



3F443C



3B444B



4C4041

# Complementary

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



3F443C



413C44

# 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.



4A4045



3F443C



40424B

# Square

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



3F443C



384548



464149



4B403D

# Rectangle

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



3F443C



384543



464149



4B4042



# Sweetspot

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



3F443C



575956



44413C



2C2E2C



ADADAD



2E2E2E



# Same Dimension

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



3F443C



51594D



3C443D



1F211E



246100



54E000



# Inverse Universe

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



413C44



554D59



443C43



201E21



3D0061

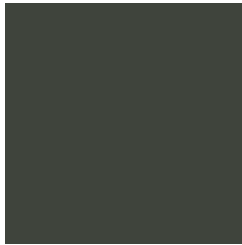


8C00E0



# Previews

## White Background



This preview shows how the Hex color 3F443C looks on a white background.

## Color Contrast Check

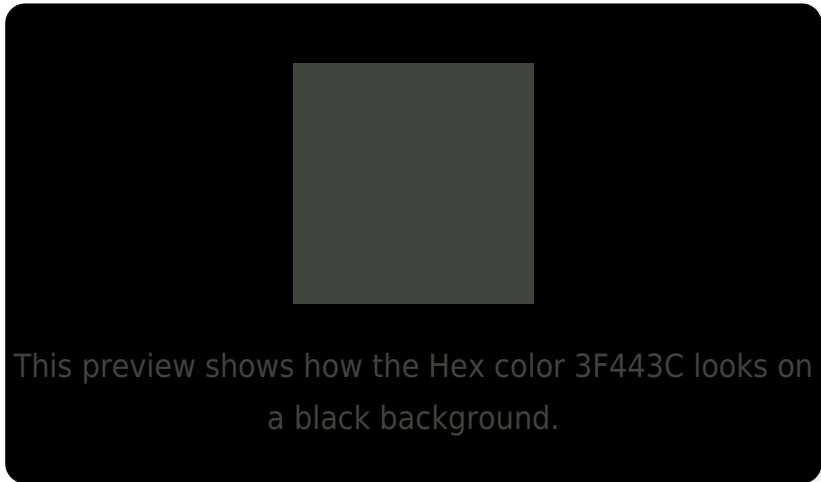
Large Text (above 18pt) WCAG AA ✓ Pass

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

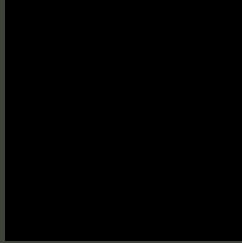
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

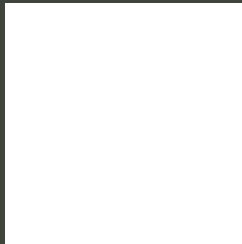
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F443C Background



This preview shows how black text looks on a background with the Hex color 3F443C.



This preview shows how white text looks on a background with the Hex color 3F443C.

# 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**

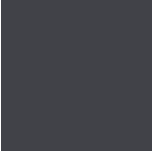
3F443C

**Protanopia**

45423B

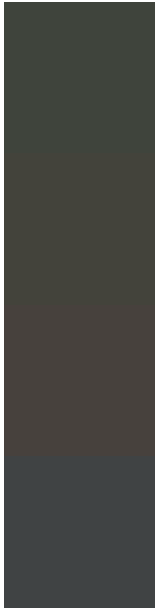
**Deuteranopia**

4B403D



**Tritanopia**  
414248

# Trichromacy



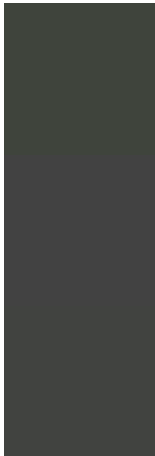
**Original Color**  
3F443C

**Protanomaly**  
43433B

**Deuteranomaly**  
47413D

**Tritanomaly**  
404344

# Monochromacy



**Original Color**  
3F443C

**Achromatopsia**  
424242

**Achromatomaly**  
414340

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F443C 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 #3F443C looks like.

```
.text, #text, p{  
    color:#3F443C  
}
```

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 #3F443C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F443C
}
```

## Border

The CSS property to change the border of an element to Hex 3F443C is called "border". The border property can be set on classes, ids or directly on the HTML element.

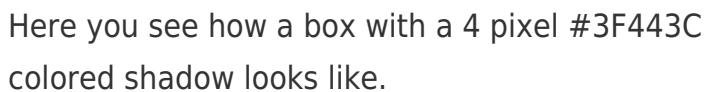
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F443C }
```

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

```
.border{ border-color:#3F443C }
```

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



Here you see how a box with a 4 pixel #3F443C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F443C; -webkit-box-shadow:4px 4px  
4px 4px #3F443C; box-shadow:4px 4px 4px  
4px #3F443C }
```

# Background

The CSS property to change the background color of an element to Hex 3F443C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F443C }
```

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

```
.background{ background-color:#3F443C }
```

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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