

Converting Colors

Hex(3F402E)

Have a look what the booklet for
Hex(3F402E) contains.

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Color

Hex(3F402E)

Conversions

Conversions Part 1

Format	Color
Hex	3F402E
RGB	63, 64, 46
RGB Percent	25%, 25%, 18%
CMY	0.7529, 0.7490, 0.8196
CMYK	0.02, 0.00, 0.28, 0.75
HSL	63°, 16%, 22%
HSV	63°, 28%, 25%
XYZ	4.3764, 4.9208, 3.3039
YIQ	61.6490, 5.1820, -5.8100

Conversions

Conversions Part 2

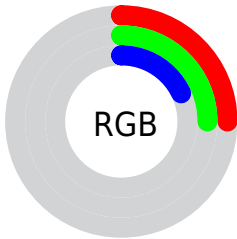
Format	Color
R_YB	46, 64, 47
Decimal	4145198
CIE Lab	26.51, -4.01, 10.91
CIE LCh	27, 11.623, 110.198
Yxy	4.9208, 0.3473, 0.3905
Android (android.graphics.Color)	4282335278 (0xFF3F402E)
YUV	61.6490, -7.7150, 1.1848
Hunter-Lab	22.1829, -3.6040, 6.6974

Details

The Hex color **3F402E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2E40**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6F705C**, and **161600** is the 20% darker color. If you saturate the color by 10%, you get **3F4028**, and if you desaturate by 10%, it is **3F4034**.

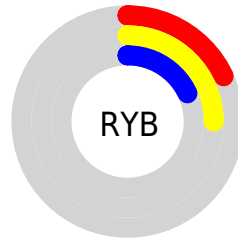
Distribution



Red (25%)

Green (25%)

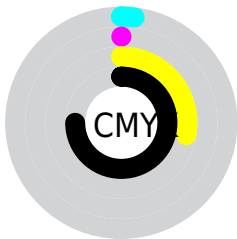
Blue (18%)



Red (18%)

Yellow (25%)

Blue (18%)

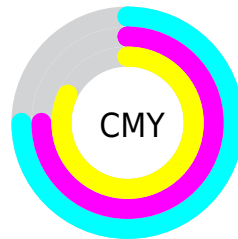


Cyan (2%)

Magenta (0%)

Yellow (28%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F402E 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 3F402E by changing the saturation by 10% instead.



3F402E



3F402E

FFFFFF



292A19



6F705C



161600



888975



000000



A3A38E



BEBEA9



DADAC4



F6F7E0



FFFFFFC



3F402E



3F402E

■ 3F4028

■ 3F4034

■ 3E4021

■ 40403B

■ 3E401B

■ 404041

■ 3E4014

■ 404048

■ 3D400E

■ 41404E

■ 3D4008

■ 414054

■ 3D4001

■ 41405B

■ 3C4000

■ 424061

■ 424068

Harmonies

Analogous

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



483D2D



3F402E



354233

Triad

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



3F402E



27434C



4F3942

Complementary

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



3F402E



2F2E40

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.



473A4A



3F402E



304050

Square

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



3F402E



264444



3C3D4F



513939

Rectangle

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



3F402E



2E4338



3C3D4F



4D3945

Sweetspot

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



3F402E



54544D



402F2E



2B2B27



ABABAB



2B2B2B

Same Dimension

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



3F402E



535438



36402E



21211E



5C6100



D4E000

Inverse Universe

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



2F2E40



393854



382E40



1E1E21



050061



0C00E0

Previews

White Background



This preview shows how the Hex color 3F402E looks on a white background.

Color Contrast Check

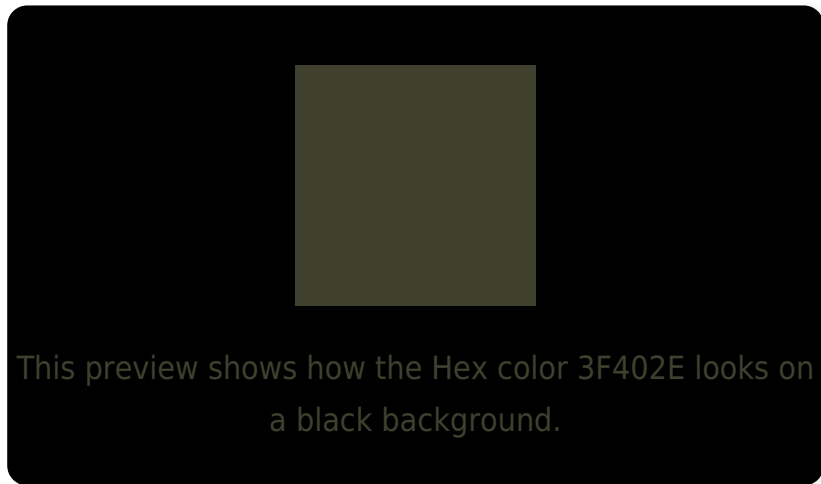
Large Text (above 18pt) WCAG AA ✓ Pass

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

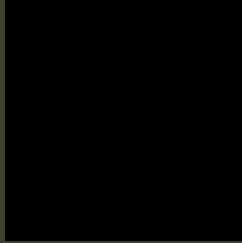
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

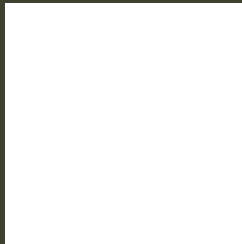
Any Text WCAG AAA × Fail

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

Hex 3F402E Background



This preview shows how black text looks on a background with the Hex color 3F402E.

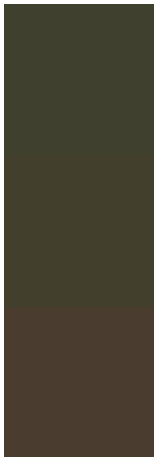


This preview shows how white text looks on a background with the Hex color 3F402E.

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
3F402E

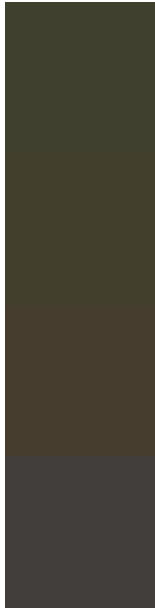
Protanopia
433F2D

Deuteranopia
4A3C2F



Tritanopia
423D42

Trichromacy



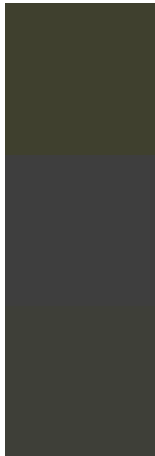
Original Color
3F402E

Protanomaly
423F2D

Deuteranomaly
463D2F

Tritanomaly
413E3B

Monochromacy



Original Color
3F402E

Achromatopsia
3E3E3E

Achromatomaly
3E3F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F402E 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 #3F402E looks like.

```
.text, #text, p{  
    color:#3F402E  
}
```

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 #3F402E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F402E
}
```

Border

The CSS property to change the border of an element to Hex 3F402E is called "border". The border property can be set on classes, ids or directly on the HTML element.

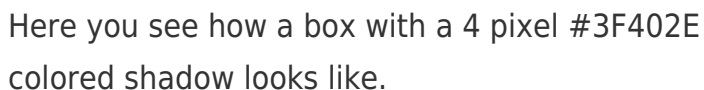
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F402E }
```

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

```
.border{ border-color:#3F402E }
```

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



Here you see how a box with a 4 pixel #3F402E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F402E; -webkit-box-shadow:4px 4px  
4px 4px #3F402E; box-shadow:4px 4px 4px  
4px #3F402E }
```

Background

The CSS property to change the background color of an element to Hex 3F402E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F402E }
```

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

```
.background{ background-color:#3F402E }
```

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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