

Converting Colors

Hex(3F3837)

Have a look what the booklet for
Hex(3F3837) contains.

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Color

Hex(3F3837)

Conversions

Conversions Part 1

Format	Color
Hex	3F3837
RGB	63, 56, 55
RGB Percent	25%, 22%, 22%
CMY	0.7529, 0.7804, 0.7843
CMYK	0.00, 0.11, 0.13, 0.75
HSL	7°, 7%, 23%
HSV	7°, 13%, 25%
XYZ	4.1537, 4.1609, 4.1987
YIQ	57.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

Format	Color
RYB	63, 56, 55
Decimal	4143159
CIELab	24.20, 2.86, 1.74
CIElCh	24, 3.342, 31.287
Yxy	4.1609, 0.3319, 0.3325
Android (android.graphics.Color)	4282333239 (0xFF3F3837)
YUV	57.9790, -1.4686, 4.4034
Hunter-Lab	20.3984, 0.6502, 2.0751

Details

The Hex color **3F3837** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **373E3F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6F6766**, and **150D0B** is the 20% darker color. If you saturate the color by 10%, you get **3F3231**, and if you desaturate by 10%, it is **3F3E3D**.

Distribution



Red (25%)

Green (22%)

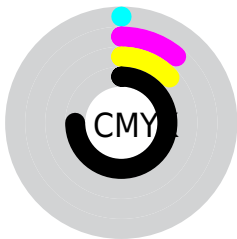
Blue (22%)



Red (25%)

Yellow (22%)

Blue (22%)



Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (75%)



Cyan (75%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3837 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 3F3837 by changing the saturation by 10% instead.

■ 3F3837

■ 3F3837

FFFFFF

■ 292322

■ 6F6766

■ 150D0B

■ 88807F

■ 000000

■ A29A99

■ BDB5B3

■ D9D0CF

■ F6ECEB

■ 3F3837

■ 3F3837

■ 3F3231

■ 3F3E3D

■ 3F2D2A

■ 3F4344

■ 3F2724

■ 3F494A

■ 3F221E

■ 3F4E50

■ 3F1C18

■ 3F5457

■ 3F1711

■ 3F595D

■ 3F110B

■ 3F5F63

■ 3F0C05

■ 3F6469

■ 3F0800

■ 3F6A70

Harmonies

Analogous

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



3F3839



3F3837



3E3935

Triad

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



3F3837



363B37



373A3E

Complementary

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



3F3837



373E3F

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.



353A3E



3F3837



343B3A

Square

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



3F3837



393A35



333B3C



3A393E

Rectangle

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



3F3837



3C3935



333B3C



363A3E

Sweetspot

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



3F3837



524F4E



3F373E



292727



A8A8A8



292929

Same Dimension

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



3F3837



524745



3F3C37



1F1C1C



5E0C00



DE1C00

Inverse Universe

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



373E3F



455052



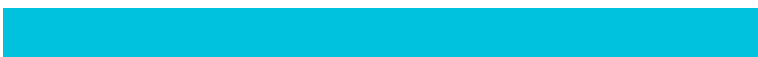
373A3F



1C1E1F



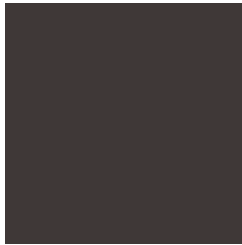
00535E



00C2DE

Previews

White Background



This preview shows how the Hex color 3F3837 looks on a white background.

Color Contrast Check

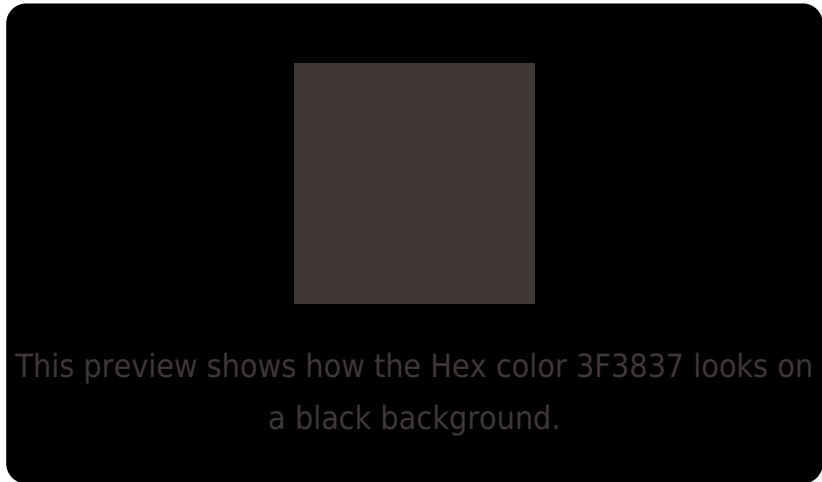
Large Text (above 18pt) WCAG AA ✓ Pass

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

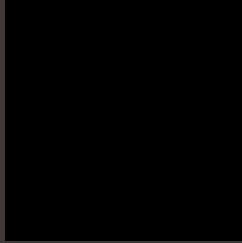
Any Text WCAG AA × Fail

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 3F3837 Background



This preview shows how black text looks on a background with the Hex color 3F3837.

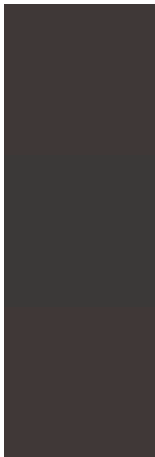


This preview shows how white text looks on a background with the Hex color 3F3837.

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
3F3837

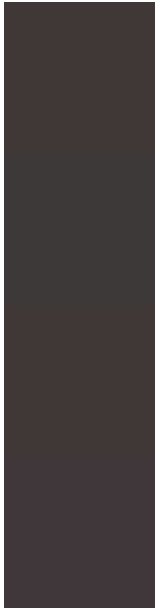
Protanopia
3B3938

Deuteranopia
403837



Tritanopia
40373C

Trichromacy



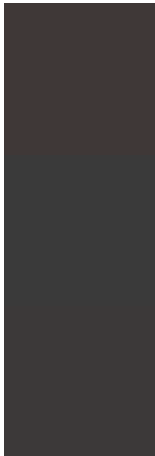
Original Color
3F3837

Protanomaly
3C3938

Deuteranomaly
403837

Tritanomaly
40373A

Monochromacy



Original Color
3F3837

Achromatopsia
3A3A3A

Achromatomaly
3C3939

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3837 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 #3F3837 looks like.

```
.text, #text, p{  
    color:#3F3837  
}
```

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 #3F3837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3837
}
```

Border

The CSS property to change the border of an element to Hex 3F3837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

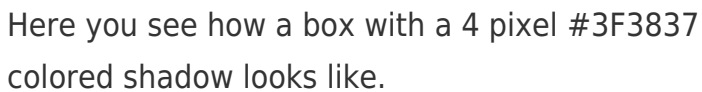
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F3837 }
```

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

```
.border{ border-color:#3F3837 }
```

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



Here you see how a box with a 4 pixel #3F3837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3837; -webkit-box-shadow:4px 4px  
4px 4px #3F3837; box-shadow:4px 4px 4px  
4px #3F3837 }
```

Background

The CSS property to change the background color of an element to Hex 3F3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3837 }
```

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

```
.background{ background-color:#3F3837 }
```

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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