

Converting Colors

Hex(3F4836)

Have a look what the booklet for
Hex(3F4836) contains.

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Color

Hex(3F4836)

Conversions

Conversions Part 1

Format	Color
Hex	3F4836
RGB	63, 72, 54
RGB Percent	25%, 28%, 21%
CMY	0.7529, 0.7176, 0.7882
CMYK	0.12, 0.00, 0.25, 0.72
HSL	90°, 14%, 25%
HSV	90°, 25%, 28%
XYZ	5.0331, 5.9578, 4.3747
YIQ	67.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

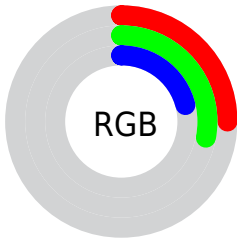
Format	Color
RYB	54, 72, 63
Decimal	4147254
CIELab	29.31, -7.52, 9.61
CIELCh	29, 12.207, 128.049
Yxy	5.9578, 0.3276, 0.3877
Android (android.graphics.Color)	4282337334 (0xFF3F4836)
YUV	67.2570, -6.5357, -3.7334
Hunter-Lab	24.4087, -5.9081, 6.4596

Details

The Hex color **3F4836** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F3648**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6F7865**, and **151D0A** is the 20% darker color. If you saturate the color by 10%, you get **3B482F**, and if you desaturate by 10%, it is **43483D**.

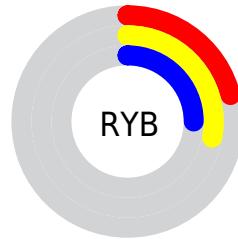
Distribution



Red (25%)

Green (28%)

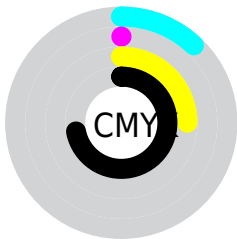
Blue (21%)



Red (21%)

Yellow (28%)

Blue (25%)

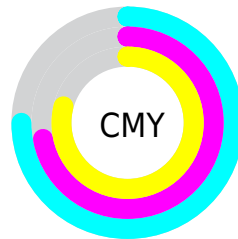


Cyan (12%)

Magenta (0%)

Yellow (25%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4836 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 3F4836 by changing the saturation by 10% instead.

■ 3F4836

■ 3F4836

FFFFFF

■ 293221

■ 6F7865

■ 151D0A

■ 88927E

■ 000000

■ A2AD98

■ BEC8B2

■ D9E4CE

■ F6FFEA

■ 3F4836

■ 3F4836

■ 3B482F

■ 43483D

■ 384828

■ 464844

■ 344820

■ 4A484C

■ 314819

■ 4D4853

■ 2D4812

■ 51485A

■ 29480B

■ 554861

■ 264804

■ 584868

■ 244800

■ 5C4870

■ 5F4877

Harmonies

Analogous

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



4A4532



3F4836



344A3E

Triad

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



3F4836



314856



583E43

Complementary

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



3F4836



3F3648

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.



533F4C



3F4836



3D4558

Square

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



3F4836



2A4A50



4A4254



583F3A

Rectangle

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



3F4836



2E4A44



4A4254



573E46

Sweetspot

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



3F4836



5B5E57



483F36



2E302C



B0B0B0



303030

Same Dimension

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



3F4836



505E42



364836



222420



326300



71E300

Inverse Universe

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



3F3648



50425E



483648



222024



320063



7100E3

Previews

White Background



This preview shows how the Hex color 3F4836 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

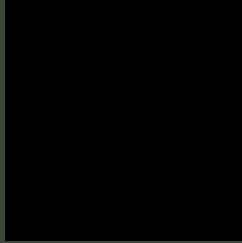
Any Text WCAG AA × Fail

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 3F4836 Background



This preview shows how black text looks on a background with the Hex color 3F4836.

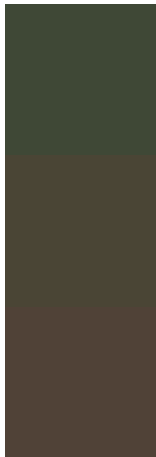


This preview shows how white text looks on a background with the Hex color 3F4836.

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
3F4836

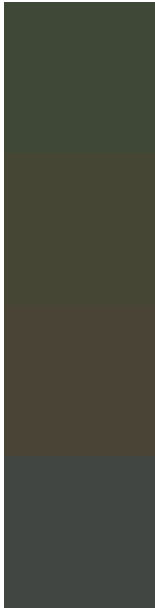
Protanopia
4A4535

Deuteranopia
504237



Tritanopia
42454B

Trichromacy



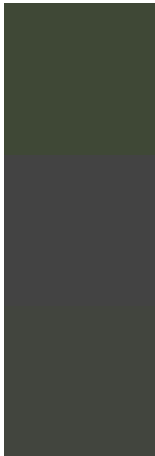
Original Color
3F4836

Protanomaly
464635

Deuteranomaly
4A4437

Tritanomaly
414643

Monochromacy



Original Color
3F4836

Achromatopsia
434343

Achromatomaly
42453E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4836 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 #3F4836 looks like.

```
.text, #text, p{  
    color:#3F4836  
}
```

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 #3F4836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4836
}
```

Border

The CSS property to change the border of an element to Hex 3F4836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

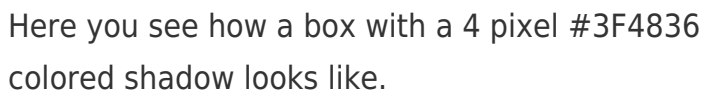
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4836 }
```

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

```
.border{ border-color:#3F4836 }
```

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



Here you see how a box with a 4 pixel #3F4836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4836; -webkit-box-shadow:4px 4px  
4px 4px #3F4836; box-shadow:4px 4px 4px  
4px #3F4836 }
```

Background

The CSS property to change the background color of an element to Hex 3F4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4836 }
```

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

```
.background{ background-color:#3F4836 }
```

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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