

Converting Colors

Hex(3F4735)

Have a look what the booklet for
Hex(3F4735) contains.

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Color

Hex(3F4735)

Conversions

Conversions Part 1

Format	Color
Hex	3F4735
RGB	63, 71, 53
RGB Percent	25%, 28%, 21%
CMY	0.7529, 0.7216, 0.7922
CMYK	0.11, 0.00, 0.25, 0.72
HSL	87°, 15%, 24%
HSV	87°, 25%, 28%
XYZ	4.9457, 5.8203, 4.2309
YIQ	66.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

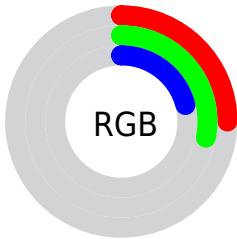
Format	Color
RYB	53, 71, 61
Decimal	4146997
CIELab	28.95, -7.10, 9.77
CIElCh	29, 12.075, 126.025
Yxy	5.8203, 0.3298, 0.3881
Android (android.graphics.Color)	4282337077 (0xFF3F4735)
YUV	66.5560, -6.6831, -3.1186
Hunter-Lab	24.1253, -5.6262, 6.4898

Details

The Hex color **3F4735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3547**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6F7764**, and **151C09** is the 20% darker color. If you saturate the color by 10%, you get **3C472E**, and if you desaturate by 10%, it is **42473C**.

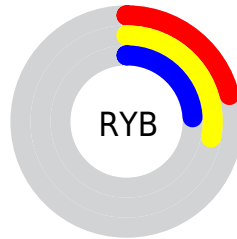
Distribution



Red (25%)

Green (28%)

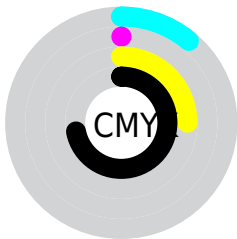
Blue (21%)



Red (21%)

Yellow (28%)

Blue (24%)

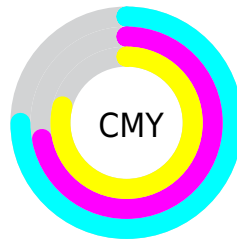


Cyan (11%)

Magenta (0%)

Yellow (25%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4735 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 3F4735 by changing the saturation by 10% instead.



3F4735



3F4735

FFFFFF



293120



6F7764



151C09



88917D



000000



A2AC96



BEC7B1



D9E3CD



F6FFE9



3F4735



3F4735



3C472E



42473C

■ 394727

■ 454743

■ 364720

■ 48474A

■ 324719

■ 4C4751

■ 2F4712

■ 4F4759

■ 2C470A

■ 524760

■ 294703

■ 554767

■ 274700

■ 58476E

■ 5B4775

Harmonies

Analogous

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



494432



3F4735



34493C

Triad

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



3F4735



304755



573E43

Complementary

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



3F4735



3D3547

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.



523F4C



3F4735



3C4457

Square

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



3F4735



2A494F



484153



573F3A

Rectangle

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



3F4735



2E4943



484153



563E46

Sweetspot

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



3F4735



595C54



473D35



2C2E29



ADADAD



2E2E2E

Same Dimension

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



3F4735



505C40



364735



222420



376300



7EE300

Inverse Universe

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



3D3547



4D405C



463547



222024



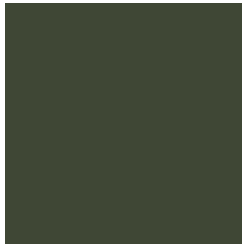
2C0063



6500E3

Previews

White Background



This preview shows how the Hex color 3F4735 looks on a white background.

Color Contrast Check

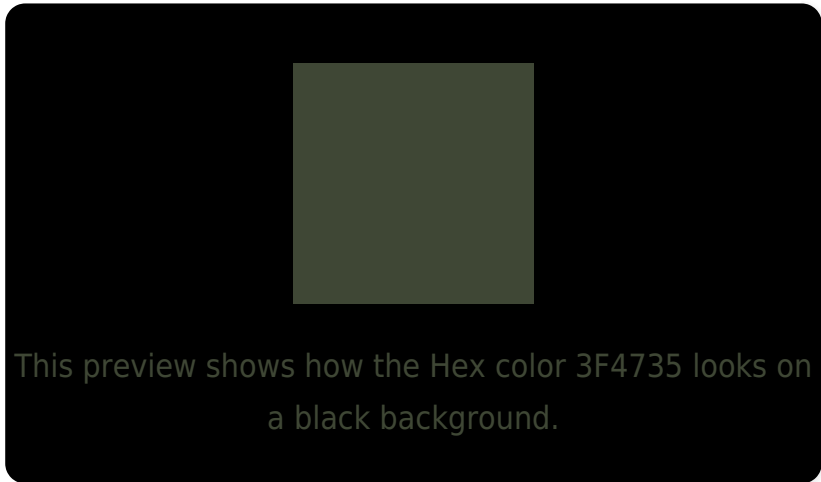
Large Text (above 18pt) WCAG AA ✓ Pass

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

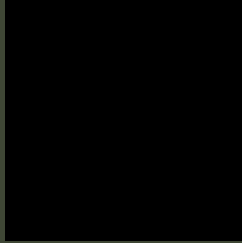
Any Text WCAG AA × Fail

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 3F4735 Background



This preview shows how black text looks on a background with the Hex color 3F4735.

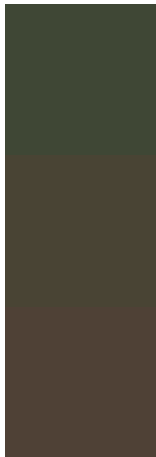


This preview shows how white text looks on a background with the Hex color 3F4735.

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
3F4735

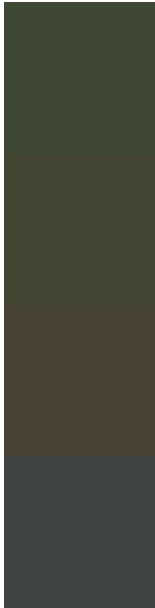
Protanopia
494434

Deuteranopia
4F4136



Tritanopia
42444A

Trichromacy



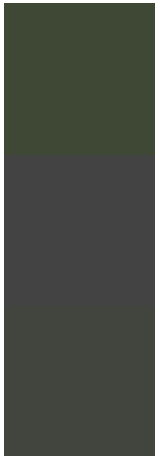
Original Color
3F4735

Protanomaly
454534

Deuteranomaly
494336

Tritanomaly
414542

Monochromacy



Original Color
3F4735

Achromatopsia
434343

Achromatomaly
42443E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4735 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 #3F4735 looks like.

```
.text, #text, p{  
    color:#3F4735  
}
```

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 #3F4735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4735
}
```

Border

The CSS property to change the border of an element to Hex 3F4735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

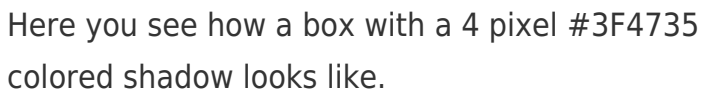
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4735 }
```

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

```
.border{ border-color:#3F4735 }
```

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



Here you see how a box with a 4 pixel #3F4735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4735; -webkit-box-shadow:4px 4px  
4px 4px #3F4735; box-shadow:4px 4px 4px  
4px #3F4735 }
```

Background

The CSS property to change the background color of an element to Hex 3F4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4735 }
```

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

```
.background{ background-color:#3F4735 }
```

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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