

Converting Colors

Hex(3C4733)

Have a look what the booklet for
Hex(3C4733) contains.

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Color

Hex(3C4733)

Conversions

Conversions Part 1

Format	Color
Hex	3C4733
RGB	60, 71, 51
RGB Percent	24%, 28%, 20%
CMY	0.7647, 0.7216, 0.8000
CMYK	0.15, 0.00, 0.28, 0.72
HSL	93°, 16%, 24%
HSV	93°, 28%, 28%
XYZ	4.7143, 5.7062, 3.9849
YIQ	65.4310, -0.1360, -8.5520

Conversions

Conversions Part 2

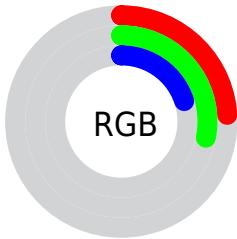
Format	Color
RYB	51, 71, 62
Decimal	3950387
CIELab	28.66, -8.79, 10.60
CIElCh	29, 13.765, 129.667
Yxy	5.7062, 0.3273, 0.3961
Android (android.graphics.Color)	4282140467 (0xFF3C4733)
YUV	65.4310, -7.1145, -4.7630
Hunter-Lab	23.8876, -6.5759, 6.8306

Details

The Hex color **3C4733** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E3347**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6C7761**, and **131C05** is the 20% darker color. If you saturate the color by 10%, you get **38472C**, and if you desaturate by 10%, it is **40473A**.

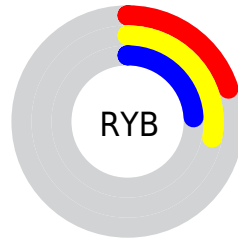
Distribution



Red (24%)

Green (28%)

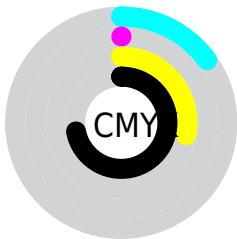
Blue (20%)



Red (20%)

Yellow (28%)

Blue (24%)

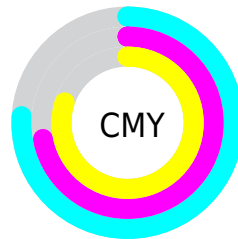


Cyan (15%)

Magenta (0%)

Yellow (28%)

Black (72%)



Cyan (76%)

Magenta (72%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4733 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 3C4733 by changing the saturation by 10% instead.

■ 3C4733

■ 3C4733

FFFFFF

■ 26311E

■ 6C7761

■ 131C05

■ 85917A

■ 000000

■ 9FAC94

■ BAC7AF

■ D6E3CA

■ F2FFE6

■ 3C4733

■ 3C4733

■ 38472C

■ 40473A

■ 344725

■ 444741

■ 30471E

■ 484748

■ 2C4717

■ 4C474F

■ 284710

■ 504757

■ 254708

■ 53475E

■ 214701

■ 574765

■ 204700

■ 5B476C

■ 5F4773

Harmonies

Analogous

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



48442F



3C4733



30493C

Triad

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



3C4733



2D4757



593C40

Complementary

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



3C4733



3E3347

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.



543D4B



3C4733



3B4358

Square

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



3C4733



244951



4A4054



583D37

Rectangle

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



3C4733



294943



4A4054



583C44

Sweetspot

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



3C4733



585C54



473E33



2B2E29



ADADAD



2E2E2E

Same Dimension

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



3C4733



4B5C3D



334734



222420



2D6300



66E300

Inverse Universe

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



3E3347



4E3D5C



473346



222024



370063



7D00E3

Previews

White Background



This preview shows how the Hex color 3C4733 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

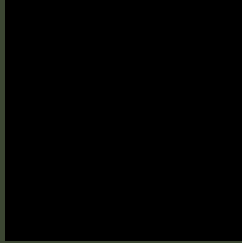
Any Text WCAG AA × Fail

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 3C4733 Background



This preview shows how black text looks on a background with the Hex color 3C4733.

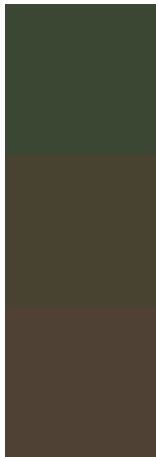


This preview shows how white text looks on a background with the Hex color 3C4733.

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
3C4733

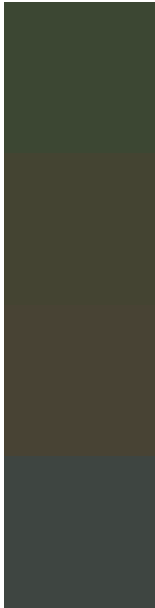
Protanopia
484331

Deuteranopia
4F4134



Tritanopia
3F4449

Trichromacy



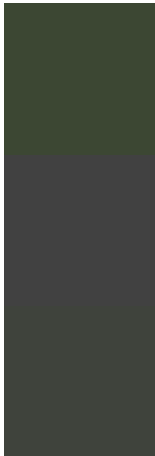
Original Color
3C4733

Protanomaly
444432

Deuteranomaly
484334

Tritanomaly
3E4541

Monochromacy



Original Color
3C4733

Achromatopsia
414141

Achromatomaly
3F433C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4733 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 #3C4733 looks like.

```
.text, #text, p{  
    color:#3C4733  
}
```

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 #3C4733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4733
}
```

Border

The CSS property to change the border of an element to Hex 3C4733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

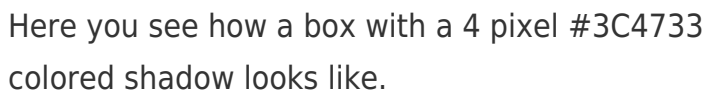
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4733 }
```

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

```
.border{ border-color:#3C4733 }
```

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



Here you see how a box with a 4 pixel #3C4733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4733; -webkit-box-shadow:4px 4px  
4px 4px #3C4733; box-shadow:4px 4px 4px  
4px #3C4733 }
```

Background

The CSS property to change the background color of an element to Hex 3C4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4733 }
```

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

```
.background{ background-color:#3C4733 }
```

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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