

Converting Colors

Hex(3C4638)

Have a look what the booklet for
Hex(3C4638) contains.

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Color

Hex(3C4638)

Conversions

Conversions Part 1

Format	Color
Hex	3C4638
RGB	60, 70, 56
RGB Percent	24%, 27%, 22%
CMY	0.7647, 0.7255, 0.7804
CMYK	0.14, 0.00, 0.20, 0.73
HSL	103°, 11%, 25%
HSV	103°, 20%, 27%
XYZ	4.7674, 5.6265, 4.5761
YIQ	65.4140, -1.4660, -6.4740

Conversions

Conversions Part 2

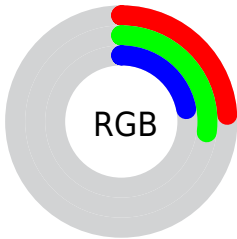
Format	Color
RYB	56, 70, 66
Decimal	3950136
CIELab	28.45, -7.20, 7.10
CIElCh	28, 10.112, 135.385
Yxy	5.6265, 0.3185, 0.3758
Android (android.graphics.Color)	4282140216 (0xFF3C4638)
YUV	65.4140, -4.6411, -4.7481
Hunter-Lab	23.7202, -5.6344, 5.1659

Details

The Hex color **3C4638** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **423846**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6B7667**, and **121B0D** is the 20% darker color. If you saturate the color by 10%, you get **374631**, and if you desaturate by 10%, it is **41463F**.

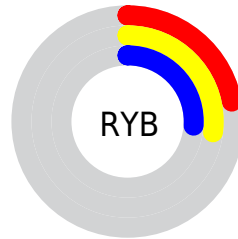
Distribution



Red (24%)

Green (27%)

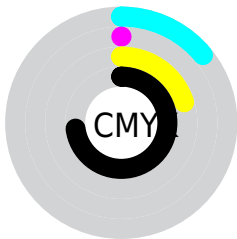
Blue (22%)



Red (22%)

Yellow (27%)

Blue (26%)

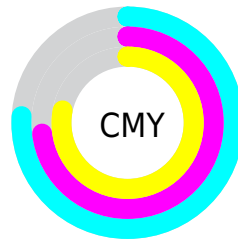


Cyan (14%)

Magenta (0%)

Yellow (20%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4638 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 3C4638 by changing the saturation by 10% instead.

■ 3C4638

■ 3C4638

FFFFFF

■ 263023

■ 6B7667

■ 121B0D

■ 859080

■ 000000

■ 9FAA9A

■ BAC6B5

■ D6E2D0

■ F2FEED

■ 3C4638

■ 3C4638

■ 374631

■ 41463F

■ 32462A

■ 464646

■ 2D4623

■ 4B464D

■ 28461C

■ 504654

■ 234615

■ 55465B

■ 1E460E

■ 5A4662

■ 194607

■ 5F4669

■ 144600

■ 644670

■ 694677

Harmonies

Analogous

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



454434



3C4638



34473F

Triad

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



3C4638



354552



533E3F

Complementary

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



3C4638



423846

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.



503E47



3C4638



3F4252

Square

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



3C4638



2F474E



49404E



523F38

Rectangle

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



3C4638



304844



49404E



533E42

Sweetspot

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



3C4638



585C56



464238



2C2E2B



ADADAD



2E2E2E

Same Dimension

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



3C4638



4C5C46



38463B



212420



1C6300



41E300

Inverse Universe

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



423846



56465C



463843



232024



470063



A200E3

Previews

White Background



This preview shows how the Hex color 3C4638 looks on a white background.

Color Contrast Check

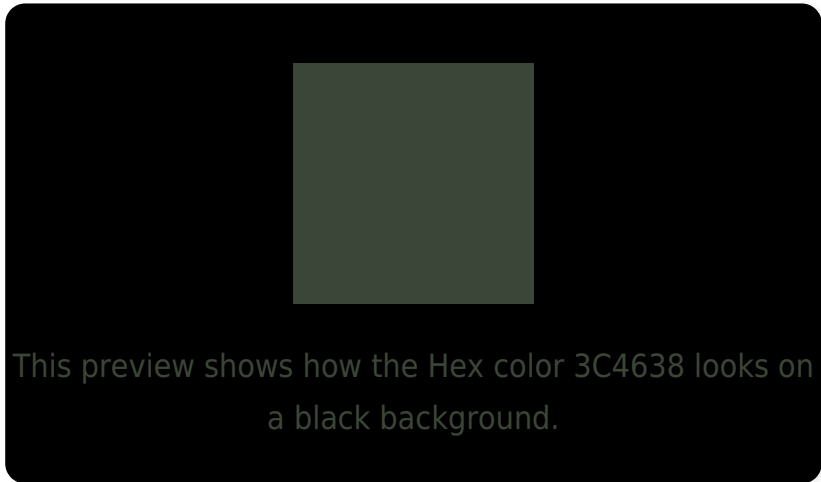
Large Text (above 18pt) WCAG AA ✓ Pass

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

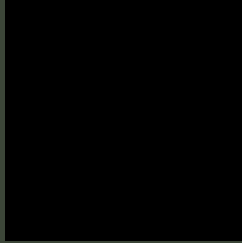
Any Text WCAG AA × Fail

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 3C4638 Background



This preview shows how black text looks on a background with the Hex color 3C4638.



This preview shows how white text looks on a background with the Hex color 3C4638.

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](#).

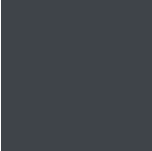
Dichromacy



Original Color
3C4638

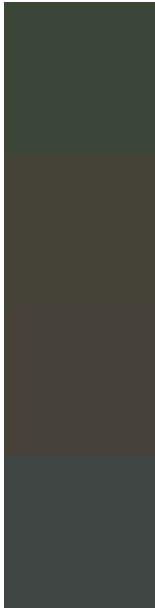
Protanopia
474336

Deuteranopia
4D4039



Tritanopia
3F4449

Trichromacy



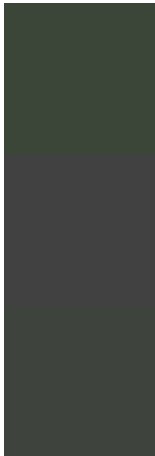
Original Color
3C4638

Protanomaly
434437

Deuteranomaly
474239

Tritanomaly
3E4543

Monochromacy



Original Color
3C4638

Achromatopsia
414141

Achromatomaly
3F433E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4638 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 #3C4638 looks like.

```
.text, #text, p{  
    color:#3C4638  
}
```

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 #3C4638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4638
}
```

Border

The CSS property to change the border of an element to Hex 3C4638 is called "border". The border property can be set on classes, ids or directly on the HTML element.

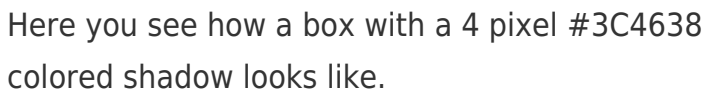
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4638 }
```

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

```
.border{ border-color:#3C4638 }
```

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



Here you see how a box with a 4 pixel #3C4638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4638; -webkit-box-shadow:4px 4px  
4px 4px #3C4638; box-shadow:4px 4px 4px  
4px #3C4638 }
```

Background

The CSS property to change the background color of an element to Hex 3C4638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4638 }
```

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

```
.background{ background-color:#3C4638 }
```

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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