

Converting Colors

Hex(3C4C43)

Have a look what the booklet for
Hex(3C4C43) contains.

Hex(3C4C43)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C4C43)

Conversions

Conversions Part 1

Format	Color
Hex	3C4C43
RGB	60, 76, 67
RGB Percent	24%, 30%, 26%
CMY	0.7647, 0.7020, 0.7373
CMYK	0.21, 0.00, 0.12, 0.70
HSL	146°, 12%, 27%
HSV	146°, 21%, 30%
XYZ	5.4610, 6.5348, 6.2837
YIQ	70.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

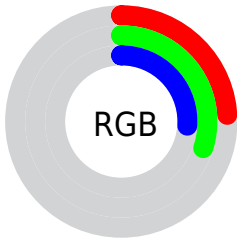
Format	Color
RYB	60, 71, 76
Decimal	3951683
CIELab	30.72, -8.46, 3.27
CIELCh	31, 9.067, 158.866
Yxy	6.5348, 0.2988, 0.3575
Android (android.graphics.Color)	4282141763 (0xFF3C4C43)
YUV	70.1900, -1.5727, -8.9366
Hunter-Lab	25.5632, -6.6029, 3.3202

Details

The Hex color **3C4C43** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C3C45**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6C7D73**, and **122018** is the 20% darker color. If you saturate the color by 10%, you get **344C3F**, and if you desaturate by 10%, it is **444C47**.

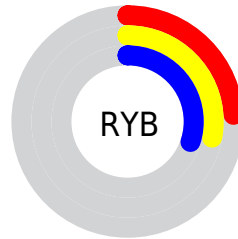
Distribution



Red (24%)

Green (30%)

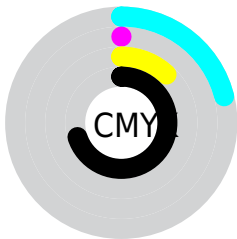
Blue (26%)



Red (24%)

Yellow (28%)

Blue (30%)

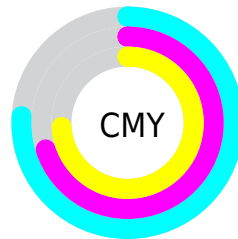


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (70%)



Cyan (76%)

Magenta (70%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4C43 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 3C4C43 by changing the saturation by 10% instead.

■ 3C4C43

■ 3C4C43

FFFFFF

■ 26352D

■ 6C7D73

■ 122018

■ 85978C

■ 000500

■ 9FB1A7

■ 000000

■ BACDC2

■ D6E9DE

■ F2FFFA

■ 3C4C43

■ 3C4C43

■ 344C3F

■ 444C47

■ 2D4C3A

■ 4B4C4C

■ 254C36

■ 534C50

■ 1E4C32

■ 5A4C54

■ 164C2E

■ 624C58

■ 0E4C29

■ 6A4C5D

■ 074C25

■ 714C61

■ 004C21

■ 794C65

■ 804C69

Harmonies

Analogous

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



444B3D



3C4C43



374C4A

Triad

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



3C4C43



434856



574440

Complementary

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



3C4C43



4C3C45

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.



574346



3C4C43



4C4653

Square

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



3C4C43



3B4A55



53444E



52463B

Rectangle

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



3C4C43



364C4F



53444E



574442

Sweetspot

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



3C4C43



5D6360



454C3C



2F3331



B3B3B3



333333

Same Dimension

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



3C4C43



4B6355



3C4C4B



222624



00662D



00E664

Inverse Universe

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



4C3C45



634B59



4C3C3D



262225



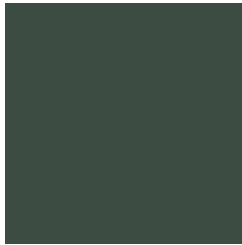
660039



E60081

Previews

White Background



This preview shows how the Hex color 3C4C43 looks on a white background.

Color Contrast Check

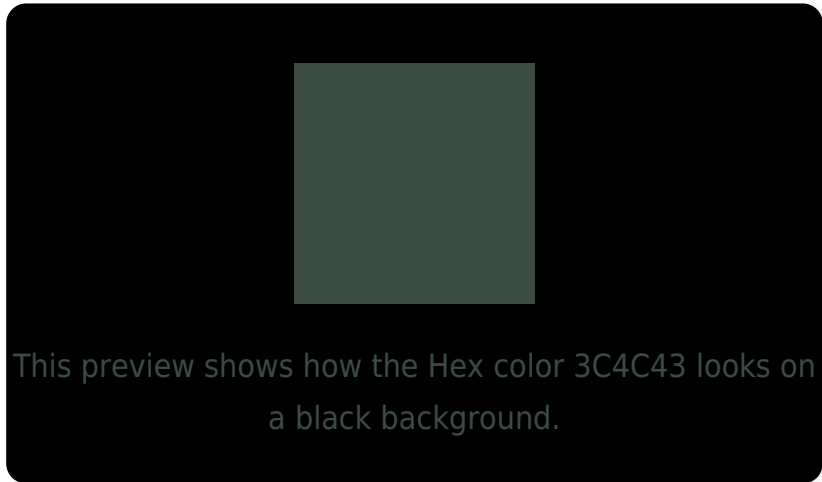
Large Text (above 18pt) WCAG AA ✓ Pass

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

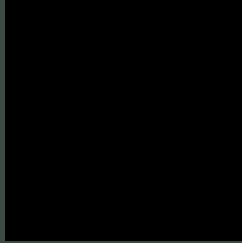
Any Text WCAG AA × Fail

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 3C4C43 Background



This preview shows how black text looks on a background with the Hex color 3C4C43.



This preview shows how white text looks on a background with the Hex color 3C4C43.

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
3C4C43

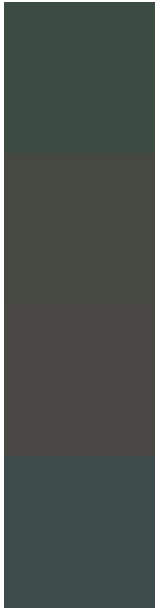
Protanopia
4B4841

Deuteranopia
514644



Tritanopia
3E4A50

Trichromacy



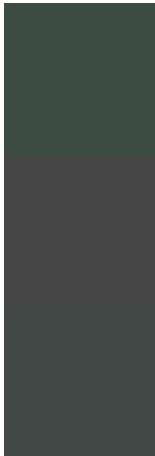
Original Color
3C4C43

Protanomaly
464942

Deuteranomaly
494844

Tritanomaly
3D4B4B

Monochromacy



Original Color
3C4C43

Achromatopsia
464646

Achromatomaly
424845

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4C43 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 #3C4C43 looks like.

```
.text, #text, p{  
    color:#3C4C43  
}
```

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 #3C4C43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4C43  
}
```

Border

The CSS property to change the border of an element to Hex 3C4C43 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  
#3C4C43 }
```

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

```
.border{ border-color:#3C4C43 }
```

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

Here you see how a box with a 4 pixel #3C4C43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4C43; -webkit-box-shadow:4px 4px  
4px 4px #3C4C43; box-shadow:4px 4px 4px  
4px #3C4C43 }
```

Background

The CSS property to change the background color of an element to Hex 3C4C43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4C43 }
```

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

```
.background{ background-color:#3C4C43 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor