

Converting Colors

Hex(3C4B46)

Have a look what the booklet for
Hex(3C4B46) contains.

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Color

Hex(3C4B46)

Conversions

Conversions Part 1

Format	Color
Hex	3C4B46
RGB	60, 75, 70
RGB Percent	24%, 29%, 27%
CMY	0.7647, 0.7059, 0.7255
CMYK	0.20, 0.00, 0.07, 0.71
HSL	160°, 11%, 26%
HSV	160°, 20%, 29%
XYZ	5.4850, 6.4350, 6.7473
YIQ	69.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

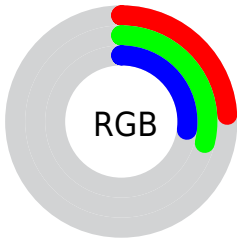
Format	Color
RYB	60, 69, 75
Decimal	3951430
CIELab	30.48, -7.14, 1.00
CIElCh	30, 7.214, 172.024
Yxy	6.4350, 0.2938, 0.3447
Android (android.graphics.Color)	4282141510 (0xFF3C4B46)
YUV	69.9450, 0.0271, -8.7218
Hunter-Lab	25.3673, -5.7967, 1.9868

Details

The Hex color **3C4B46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B3C41**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6C7C76**, and **121F1B** is the 20% darker color. If you saturate the color by 10%, you get **354B44**, and if you desaturate by 10%, it is **444B49**.

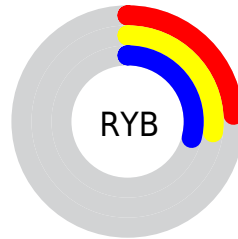
Distribution



Red (24%)

Green (29%)

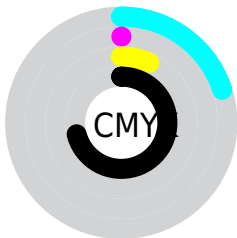
Blue (27%)



Red (24%)

Yellow (27%)

Blue (29%)

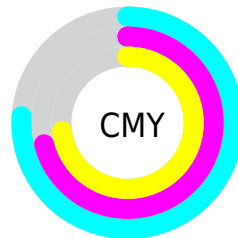


Cyan (20%)

Magenta (0%)

Yellow (7%)

Black (71%)



Cyan (76%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4B46 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 3C4B46 by changing the saturation by 10% instead.



3C4B46



3C4B46

FFFFFF



263430



6C7C76



121F1B



859690



000300



9FB0AA



000000



BACCC6



D6E8E2



F2FFFE



3C4B46



3C4B46



354B44



444B49

■ 2D4B41

■ 4B4B4B

■ 264B3F

■ 524B4E

■ 1E4B3C

■ 5A4B50

■ 174B3A

■ 624B52

■ 0F4B37

■ 694B55

■ 074B35

■ 714B57

■ 004B32

■ 784B5A

■ 804B5D

Harmonies

Analogous

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



414A41



3C4B46



394B4C

Triad

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



3C4B46



474752



52453F

Complementary

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



3C4B46



4B3C41

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.



544444



3C4B46



4E454F

Square

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



3C4B46



404953



524449



4E473D

Rectangle

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



3C4B46



3A4B4F



524449



534540

Sweetspot

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



3C4B46



5B615F



414B3C



2D302F



B0B0B0



303030

Same Dimension

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



3C4B46



4A6159



3C494B



222625



006644



00E699

Inverse Universe

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



4B3C41



614A51



4B3F3C



262224



660022



E6004D

Previews

White Background



This preview shows how the Hex color 3C4B46 looks on a white background.

Color Contrast Check

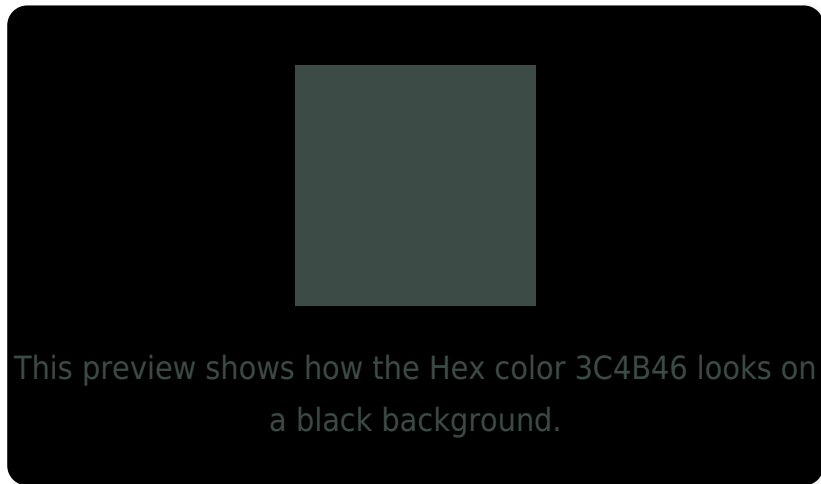
Large Text (above 18pt) WCAG AA ✓ Pass

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

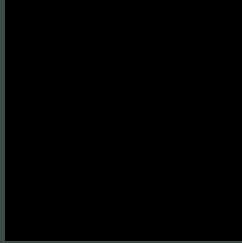
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

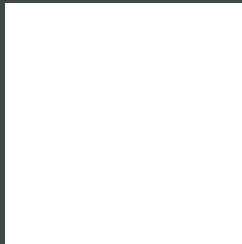
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3C4B46 Background



This preview shows how black text looks on a background with the Hex color 3C4B46.



This preview shows how white text looks on a background with the Hex color 3C4B46.

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
3C4B46

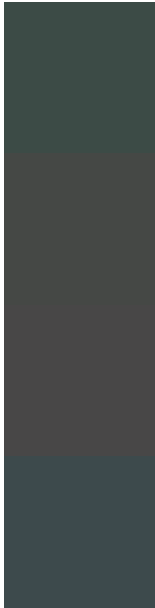
Protanopia
4A4744

Deuteranopia
4F4547



Tritanopia
3E4A4F

Trichromacy



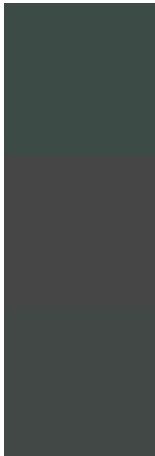
Original Color
3C4B46

Protanomaly
454845

Deuteranomaly
484747

Tritanomaly
3D4A4C

Monochromacy



Original Color
3C4B46

Achromatopsia
464646

Achromatomaly
424846

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4B46 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 #3C4B46 looks like.

```
.text, #text, p{  
    color:#3C4B46  
}
```

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 #3C4B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4B46
}
```

Border

The CSS property to change the border of an element to Hex 3C4B46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

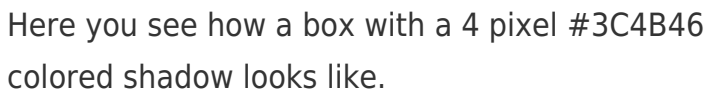
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4B46 }
```

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

```
.border{ border-color:#3C4B46 }
```

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



Here you see how a box with a 4 pixel #3C4B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4B46; -webkit-box-shadow:4px 4px  
4px 4px #3C4B46; box-shadow:4px 4px 4px  
4px #3C4B46 }
```

Background

The CSS property to change the background color of an element to Hex 3C4B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4B46 }
```

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

```
.background{ background-color:#3C4B46 }
```

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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