

Converting Colors

Hex(3C4E4B)

Have a look what the booklet for
Hex(3C4E4B) contains.

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Color

Hex(3C4E4B)

Conversions

Conversions Part 1

Format	Color
Hex	3C4E4B
RGB	60, 78, 75
RGB Percent	24%, 31%, 29%
CMY	0.7647, 0.6941, 0.7059
CMYK	0.23, 0.00, 0.04, 0.69
HSL	170°, 13%, 27%
HSV	170°, 23%, 31%
XYZ	5.8579, 6.9174, 7.6831
YIQ	72.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

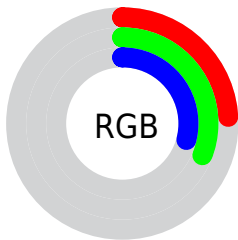
Format	Color
RYB	60, 70, 78
Decimal	3952203
CIELab	31.62, -7.75, -0.55
CIELCh	32, 7.769, 184.027
Yxy	6.9174, 0.2863, 0.3381
Android (android.graphics.Color)	4282142283 (0xFF3C4E4B)
YUV	72.2760, 1.3429, -10.7661
Hunter-Lab	26.3010, -6.2706, 1.0909

Details

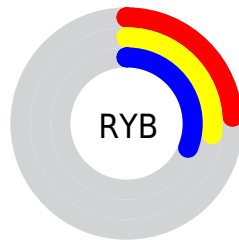
The Hex color **3C4E4B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E3C3F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6C7F7C**, and **11221F** is the 20% darker color. If you saturate the color by 10%, you get **344E4A**, and if you desaturate by 10%, it is **444E4C**.

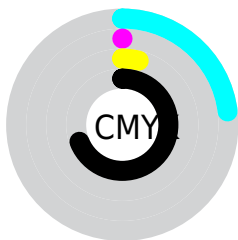
Distribution



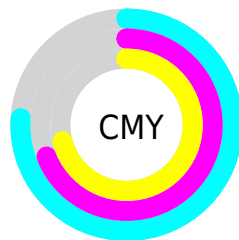
- Red (24%)
- Green (31%)
- Blue (29%)



- Red (24%)
- Yellow (27%)
- Blue (31%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (69%)



- Cyan (76%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4E4B 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 3C4E4B by changing the saturation by 10% instead.

■ 3C4E4B

■ 3C4E4B

FFFFFF

■ 263734

■ 6C7F7C

■ 11221F

■ 859995

■ 000B07

■ 9FB4B0

■ 000000

■ BACFCC

■ D6ECE8

■ F3FFFF

■ 3C4E4B

■ 3C4E4B

■ 344E4A

■ 444E4C

■ 2C4E48

■ 4C4E4E

■ 254E47

■ 534E4F

■ 1D4E46

■ 5B4E50

■ 154E44

■ 634E52

■ 0D4E43

■ 6B4E53

■ 054E42

■ 734E54

■ 004E41

■ 7A4E55

■ 824E57

Harmonies

Analogous

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



414D45



3C4E4B



3B4E51

Triad

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



3C4E4B



4D4954



544840

Complementary

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



3C4E4B



4E3C3F

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.



574744



3C4E4B



534750

Square

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



3C4E4B



454B56



57464A



4E4A3E

Rectangle

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



3C4E4B



3D4D54



57464A



554841

Sweetspot

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



3C4E4B



5F6665



3F4E3C



2F3332



B3B3B3



333333

Same Dimension

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



3C4E4B



496661



3C484E



222626



006655



00E6BF

Inverse Universe

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



4E3C3F



66494E



4E423C



262223



660011



E60026

Previews

White Background



This preview shows how the Hex color 3C4E4B looks on a white background.

Color Contrast Check

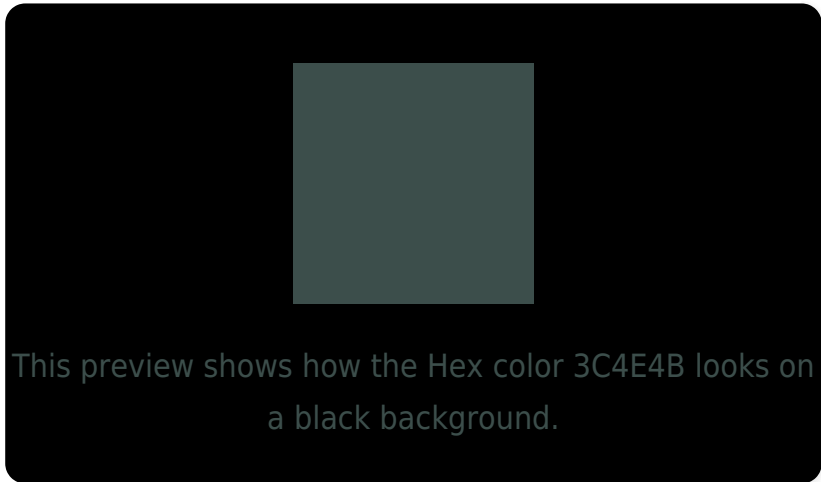
Large Text (above 18pt) WCAG AA ✓ Pass

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

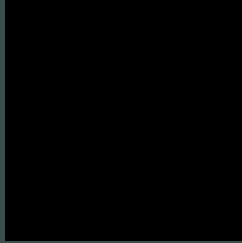
Any Text WCAG AA × Fail

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 3C4E4B Background



This preview shows how black text looks on a background with the Hex color 3C4E4B.

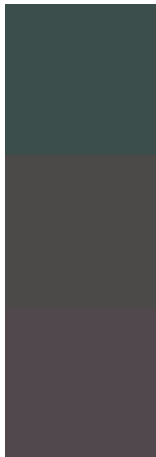


This preview shows how white text looks on a background with the Hex color 3C4E4B.

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
3C4E4B

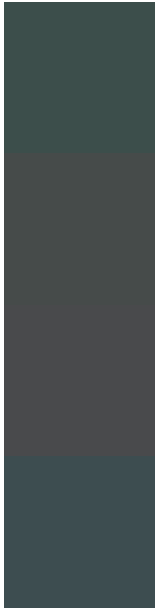
Protanopia
4C4A49

Deuteranopia
50484C



Tritanopia
3E4D53

Trichromacy



Original Color
3C4E4B

Protanomaly
464B4A

Deuteranomaly
494A4C

Tritanomaly
3D4D50

Monochromacy



Original Color
3C4E4B

Achromatopsia
484848

Achromatomaly
444A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4E4B 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 #3C4E4B looks like.

```
.text, #text, p{  
    color:#3C4E4B  
}
```

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 #3C4E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4E4B
}
```

Border

The CSS property to change the border of an element to Hex 3C4E4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

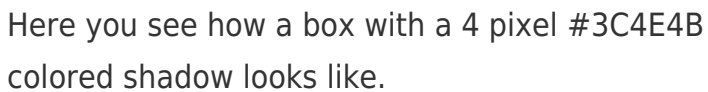
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4E4B }
```

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

```
.border{ border-color:#3C4E4B }
```

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



Here you see how a box with a 4 pixel #3C4E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4E4B; -webkit-box-shadow:4px 4px  
4px 4px #3C4E4B; box-shadow:4px 4px 4px  
4px #3C4E4B }
```

Background

The CSS property to change the background color of an element to Hex 3C4E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4E4B }
```

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

```
.background{ background-color:#3C4E4B }
```

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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