

Converting Colors

Hex(3E4746)

Have a look what the booklet for
Hex(3E4746) contains.

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Color

Hex(3E4746)

Conversions

Conversions Part 1

Format	Color
Hex	3E4746
RGB	62, 71, 70
RGB Percent	24%, 28%, 27%
CMY	0.7569, 0.7216, 0.7255
CMYK	0.13, 0.00, 0.01, 0.72
HSL	173°, 7%, 26%
HSV	173°, 13%, 28%
XYZ	5.3453, 5.9728, 6.6655
YIQ	68.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

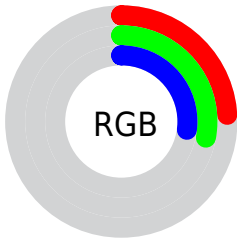
Format	Color
RYB	62, 67, 71
Decimal	4081478
CIELab	29.34, -3.88, -0.64
CIElCh	29, 3.936, 189.422
Yxy	5.9728, 0.2972, 0.3321
Android (android.graphics.Color)	4282271558 (0xFF3E4746)
YUV	68.1950, 0.8899, -5.4330
Hunter-Lab	24.4393, -3.7275, 0.9370

Details

The Hex color **3E4746** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **473E3F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6E7776**, and **141C1B** is the 20% darker color. If you saturate the color by 10%, you get **374745**, and if you desaturate by 10%, it is **454747**.

Distribution



Red (24%)

Green (28%)

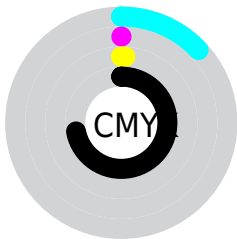
Blue (27%)



Red (24%)

Yellow (26%)

Blue (28%)

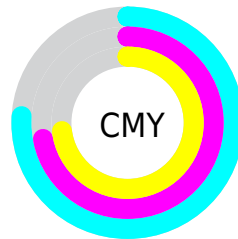


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (72%)



Cyan (76%)

Magenta (72%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4746 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 3E4746 by changing the saturation by 10% instead.

■ 3E4746

■ 3E4746

FFFFFF

■ 283130

■ 6E7776

■ 141C1B

■ 879190

■ 000000

■ A1ACAA

■ BCC7C6

■ D8E3E2

■ F4FFFE

■ 3E4746

■ 3E4746

■ 374745

■ 454747

■ 304744

■ 4C4748

■ 294744

■ 534748

■ 224743

■ 5A4749

■ 1A4742

■ 62474A

■ 134741

■ 69474B

■ 0C4740

■ 70474C

■ 054740

■ 77474C

■ 00473F

■ 7E474D

Harmonies

Analogous

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



404743



3E4746



3E4749

Triad

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



3E4746



47444A



4A4440

Complementary

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



3E4746



473E3F

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.



4C4341



3E4746



4A4347

Square

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



3E4746



43454B



4C4344



47453F

Rectangle

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



3E4746



3F464A



4C4344



4B4440

Sweetspot

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



3E4746



585C5B



3F473E



2C2E2E



ADADAD



2E2E2E

Same Dimension

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



3E4746



4E5C5A



3E4447



202423



006358



00E3CA

Inverse Universe

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



473E3F



5C4E50



47413E



242021



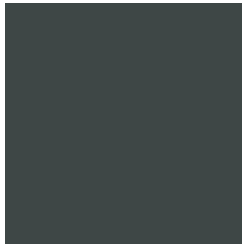
63000B



E30019

Previews

White Background



This preview shows how the Hex color 3E4746 looks on a white background.

Color Contrast Check

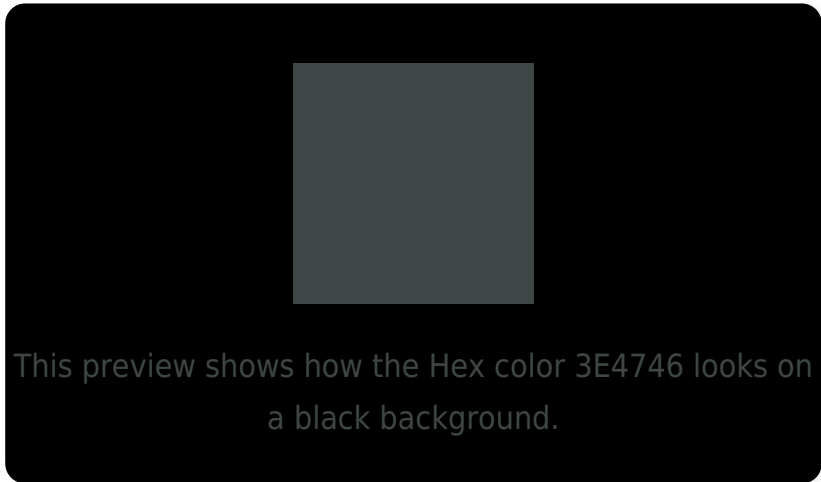
Large Text (above 18pt) WCAG AA ✓ Pass

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

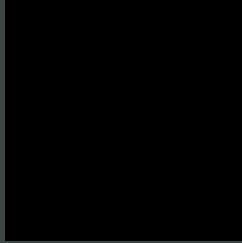
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

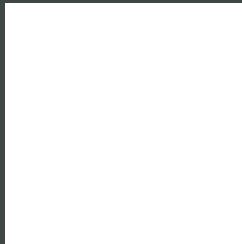
Any Text WCAG AAA × Fail

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

Hex 3E4746 Background



This preview shows how black text looks on a background with the Hex color 3E4746.

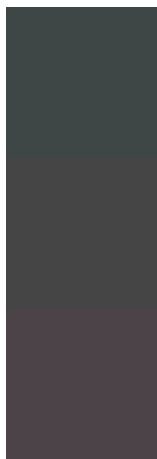


This preview shows how white text looks on a background with the Hex color 3E4746.

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

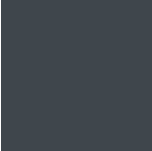
3E4746

Protanopia

464545

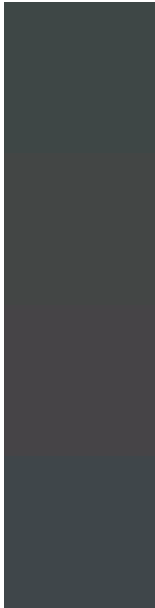
Deuteranopia

4B4347



Tritanopia
3F464C

Trichromacy



Original Color

3E4746

Protanomaly

434645

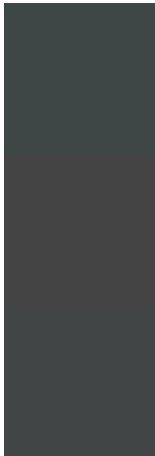
Deuteranomaly

464447

Tritanomaly

3F464A

Monochromacy



Original Color

3E4746

Achromatopsia

444444

Achromatomaly

424545

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4746 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 #3E4746 looks like.

```
.text, #text, p{  
    color:#3E4746  
}
```

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 #3E4746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4746
}
```

Border

The CSS property to change the border of an element to Hex 3E4746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

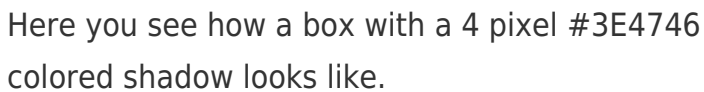
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E4746 }
```

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

```
.border{ border-color:#3E4746 }
```

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



Here you see how a box with a 4 pixel #3E4746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4746; -webkit-box-shadow:4px 4px  
4px 4px #3E4746; box-shadow:4px 4px 4px  
4px #3E4746 }
```

Background

The CSS property to change the background color of an element to Hex 3E4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4746 }
```

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

```
.background{ background-color:#3E4746 }
```

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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