

# Converting Colors

Hex(3E4633)

Have a look what the booklet for  
Hex(3E4633) contains.

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# Color

**Hex(3E4633)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 3E4633                   |
| RGB         | 62, 70, 51               |
| RGB Percent | 24%, 27%, 20%            |
| CMY         | 0.7569, 0.7255, 0.8000   |
| CMYK        | 0.11, 0.00, 0.27, 0.73   |
| HSL         | 85°, 16%, 24%            |
| HSV         | 85°, 27%, 27%            |
| XYZ         | 4.7743, 5.6435, 3.9696   |
| YIQ         | 65.4420, 1.3310, -7.6050 |

# Conversions

## Conversions Part 2

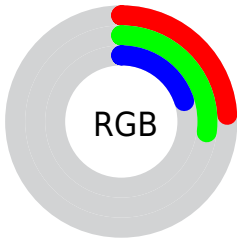
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 51, 70, 59                   |
| Decimal                             | 4081203                      |
| CIELab                              | 28.49, -7.30, 10.40          |
| CIELCh                              | 28, 12.705, 125.080          |
| Yxy                                 | 5.6435, 0.3318,<br>0.3923    |
| Android<br>(android.graphics.Color) | 4282271283<br>(0xFF3E4633)   |
| YUV                                 | 65.4420, -7.1199,<br>-3.0186 |
| Hunter-Lab                          | 23.7560, -5.6993,<br>6.7218  |

# Details

The Hex color **3E4633** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3346**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6E7661**, and **141B05** is the 20% darker color. If you saturate the color by 10%, you get **3B462C**, and if you desaturate by 10%, it is **41463A**.

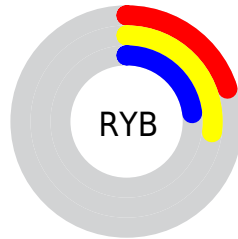
# Distribution



Red (24%)

Green (27%)

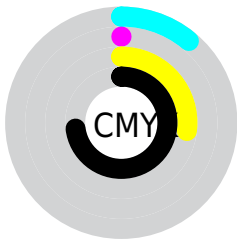
Blue (20%)



Red (20%)

Yellow (27%)

Blue (23%)

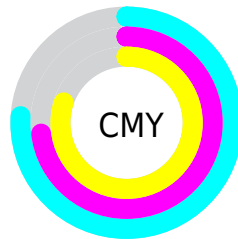


Cyan (11%)

Magenta (0%)

Yellow (27%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E4633 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 3E4633 by changing the saturation by 10% instead.





3E4633



3E4633

FFFFFF



28301E



6E7661



141B05



87907A



000000



A1AA94



BCC6AF



D8E2CA



F5FEE6



3E4633



3E4633



3B462C



41463A

■ 384625

■ 444641

■ 35461E

■ 474648

■ 324617

■ 4A464F

■ 2F4610

■ 4D4656

■ 2C4609

■ 50465D

■ 294602

■ 534664

■ 294600

■ 56466B

■ 594672

# Harmonies

## Analogous

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



494330



3E4633



33483B

# Triad

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



3E4633



2D4655



573C42

# Complementary

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



3E4633



3B3346

# 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.



513D4C



3E4633



3A4457

# Square

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



3E4633



27484E



474053



573D38

# Rectangle

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



3E4633



2C4941



474053



553C45



# Sweetspot

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



3E4633



595C54



463B33



2C2E29



ADADAD



2E2E2E



# Same Dimension

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



3E4633



4F5C3E



354633



222420



3A6300



83E300



# Inverse Universe

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



3B3346



4A3E5C



443346



222024



2A0063



6000E3



# Previews

## White Background



This preview shows how the Hex color 3E4633 looks on a white background.

## Color Contrast Check

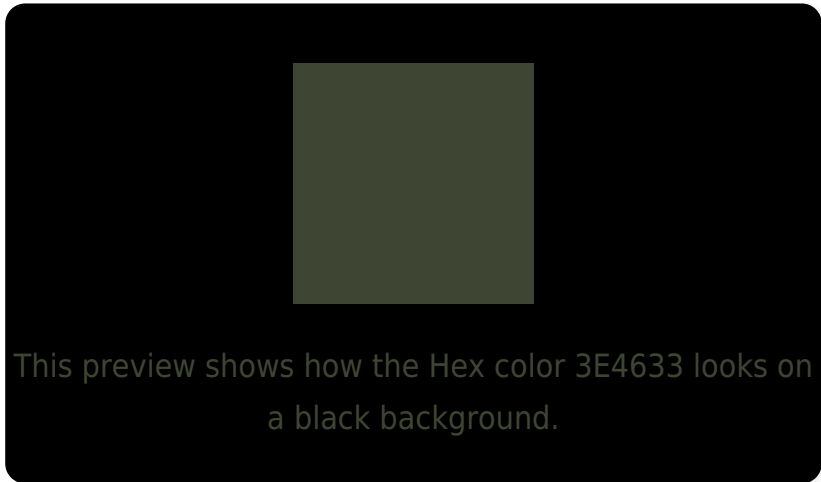
Large Text (above 18pt) WCAG AA ✓ Pass

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

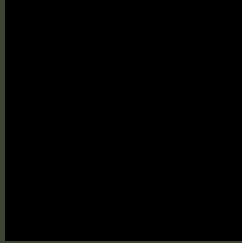
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E4633 Background



This preview shows how black text looks on a background with the Hex color 3E4633.



This preview shows how white text looks on a background with the Hex color 3E4633.

# 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](#).

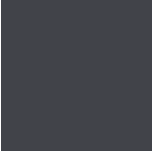
## Dichromacy



**Original Color**  
3E4633

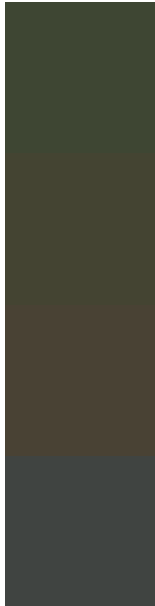
**Protanopia**  
484332

**Deuteranopia**  
4F4034



**Tritanopia**  
414349

# Trichromacy



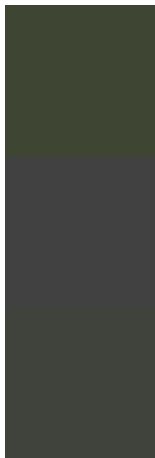
**Original Color**  
3E4633

**Protanomaly**  
444432

**Deuteranomaly**  
494234

**Tritanomaly**  
404441

# Monochromacy



**Original Color**  
3E4633

**Achromatopsia**  
414141

**Achromatomaly**  
40433C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E4633 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 #3E4633 looks like.

```
.text, #text, p{  
    color:#3E4633  
}
```

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 #3E4633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4633
}
```

## Border

The CSS property to change the border of an element to Hex 3E4633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

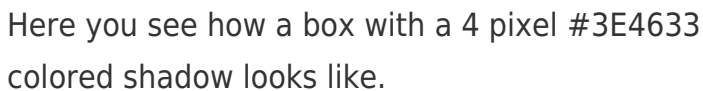
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E4633 }
```

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

```
.border{ border-color:#3E4633 }
```

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



Here you see how a box with a 4 pixel #3E4633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4633; -webkit-box-shadow:4px 4px  
4px 4px #3E4633; box-shadow:4px 4px 4px  
4px #3E4633 }
```

# Background

The CSS property to change the background color of an element to Hex 3E4633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4633 }
```

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

```
.background{ background-color:#3E4633 }
```

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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