

# Converting Colors

Hex(3E7345)

Have a look what the booklet for  
Hex(3E7345) contains.

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# Color

Hex(3E7345)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E7345
RGB	62, 115, 69
RGB Percent	24%, 45%, 27%
CMY	0.7569, 0.5490, 0.7294
CMYK	0.46, 0.00, 0.40, 0.55
HSL	128°, 30%, 35%
HSV	128°, 46%, 45%
XYZ	9.1915, 13.7153, 7.7931
YIQ	93.9090, -16.8220, -25.5420

# Conversions

## Conversions Part 2

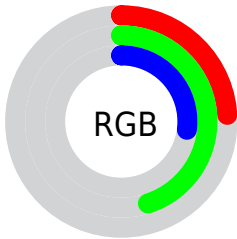
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 109, 115
Decimal	4092741
CIE Lab	43.82, -28.35, 20.10
CIE LCh	44, 34.754, 144.661
Yxy	13.7153, 0.2994, 0.4468
Android (android.graphics.Color)	4282282821 (0xFF3E7345)
YUV	93.9090, -12.2801, -27.9842
Hunter-Lab	37.0341, -20.5077, 13.4475

# Details

The Hex color **3E7345** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **733E6C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **71A776**, and **084219** is the 20% darker color. If you saturate the color by 10%, you get **33733B**, and if you desaturate by 10%, it is **4A734F**.

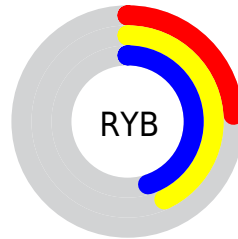
# Distribution



Red (24%)

Green (45%)

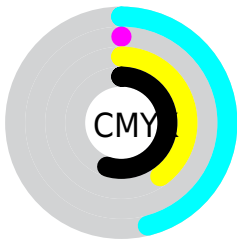
Blue (27%)



Red (24%)

Yellow (43%)

Blue (45%)

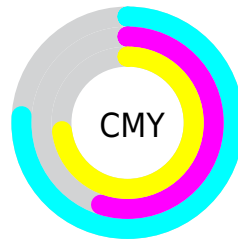


Cyan (46%)

Magenta (0%)

Yellow (40%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E7345 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 3E7345 by changing the saturation by 10% instead.



 3E7345

 3E7345

FFFFFF

 255A2E

 71A776

 084219

 8BC390

 002B00

 A6DFAA

 001600

 C2FCC6

 000000

 DEFFE2

 FBFFFE

 3E7345

 3E7345

 33733B

 4A734F

■ 277331

■ 557359

■ 1C7327

■ 617363

■ 10731D

■ 6C736D

■ 057313

■ 787377

■ 00730F

■ 837381

■ 8F738B

■ 9A7395

■ A5739F

# Harmonies

## Analogous

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



616D31



3E7345



007661

# Triad

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



3E7345



256CA1



9D5151

# Complementary

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



3E7345



733E6C

# 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.



9A506E



3E7345



62629C

# Square

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



3E7345



007396



865789



935A39

# Rectangle

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



3E7345



007675



865789



9E505A



# Sweetspot

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



3E7345



819684



6D733E



3F4D41



CCCCCC



4D4D4D



# Same Dimension

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



3E7345



44964F



3E735F



353B36



007A10



00FA21



# Inverse Universe

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



733E6C



96448C



733E52



3B353A



7A006A



FA00D9



# Previews

## White Background



This preview shows how the Hex color 3E7345 looks on a white background.

## Color Contrast Check

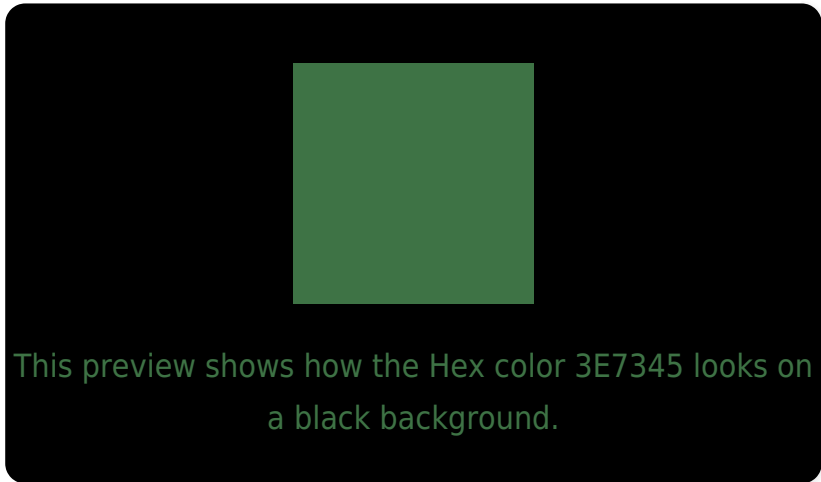
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

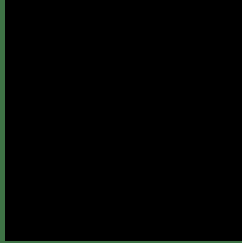
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E7345 Background



This preview shows how black text looks on a background with the Hex color 3E7345.



This preview shows how white text looks on a background with the Hex color 3E7345.

# 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**  
3E7345

**Protanopia**  
706740

**Deuteranopia**  
7B6349



**Tritanopia**  
496D76

# Trichromacy



**Original Color**  
3E7345

**Protanomaly**  
5E6B42

**Deuteranomaly**  
656948

**Tritanomaly**  
456F64

# Monochromacy



**Original Color**  
3E7345

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
526655

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E7345 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 #3E7345 looks like.

```
.text, #text, p{  
    color:#3E7345  
}
```

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 #3E7345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7345  
}
```

## Border

The CSS property to change the border of an element to Hex 3E7345 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".

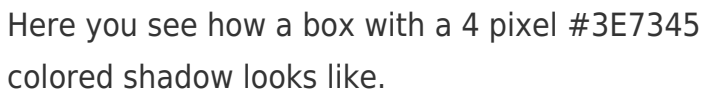
```
.border, #border, table{ border:4px solid  
#3E7345 }
```

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

```
.border{ border-color:#3E7345 }
```

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

Here you see how a box with a 4 pixel #3E7345 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7345; -webkit-box-shadow:4px 4px  
4px 4px #3E7345; box-shadow:4px 4px 4px  
4px #3E7345 }
```

# Background

The CSS property to change the background color of an element to Hex 3E7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7345 }
```

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

```
.background{ background-color:#3E7345 }
```

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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