

Converting Colors

Hex(3E7343)

Have a look what the booklet for
Hex(3E7343) contains.

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Color

Hex(3E7343)

Conversions

Conversions Part 1

Format	Color
Hex	3E7343
RGB	62, 115, 67
RGB Percent	24%, 45%, 26%
CMY	0.7569, 0.5490, 0.7373
CMYK	0.46, 0.00, 0.42, 0.55
HSL	126°, 30%, 35%
HSV	126°, 46%, 45%
XYZ	9.1305, 13.6908, 7.4716
YIQ	93.6810, -16.1800, -26.1640

Conversions

Conversions Part 2

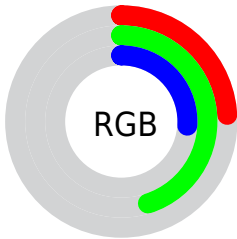
Format	Color
RYB	62, 110, 115
Decimal	4092739
CIELab	43.79, -28.71, 21.20
CIElCh	44, 35.686, 143.555
Yxy	13.6908, 0.3014, 0.4519
Android (android.graphics.Color)	4282282819 (0xFF3E7343)
YUV	93.6810, -13.1537, -27.7842
Hunter-Lab	37.0011, -20.7051, 13.9285




Details

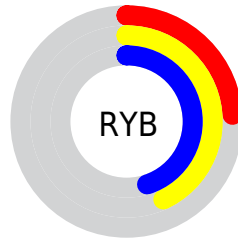
The Hex color **3E7343** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **733E6E**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **71A774**, and **084217** is the 20% darker color. If you saturate the color by 10%, you get **337339**, and if you desaturate by 10%, it is **4A734D**.

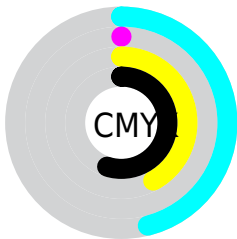
Distribution







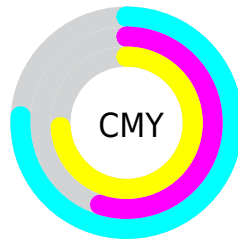
-  Red (24%)
-  Green (45%)
-  Blue (26%)






-  Red (24%)
-  Yellow (43%)
-  Blue (45%)



-  Cyan (46%)
-  Magenta (0%)
-  Yellow (42%)
-  Black (55%)



-  Cyan (76%)
-  Magenta (55%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7343 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 3E7343 by changing the saturation by 10% instead.



3E7343



3E7343

FFFFFF



255A2C



71A774



084217



8BC38D



002B00



A6DFA8



001600



C2FCC3



000000



DEFFDF



FBFFFC



3E7343



3E7343



337339




4A734D

 27732E

 557358

 1C7324

 617362

 107319

 6C736D

 05730F

 787377

 00730B

 837381

 8F738C

 9A7396

 A573A1

Harmonies

Analogous

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



626D2F



3E7343



007660

Triad

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



3E7343



1C6DA2



9F5051

Complementary

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



3E7343



733E6E

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.



9B4F6F



3E7343



5F629E

Square

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



3E7343



007396



86578B



945939

Rectangle

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



3E7343



007774



86578B



9F4F5B

Sweetspot

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



3E7343



819683



6F733E



3F4D41



CCCCCC



4D4D4D

Same Dimension

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



3E7343



44964C



3E735D



353B35



007A0C



00FA18

Inverse Universe

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



733E6E



96448F



733E54



3B353A



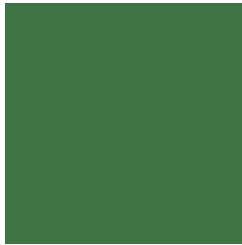
7A006F



FA00E2

Previews

White Background



This preview shows how the Hex color 3E7343 looks on a white background.

Color Contrast Check

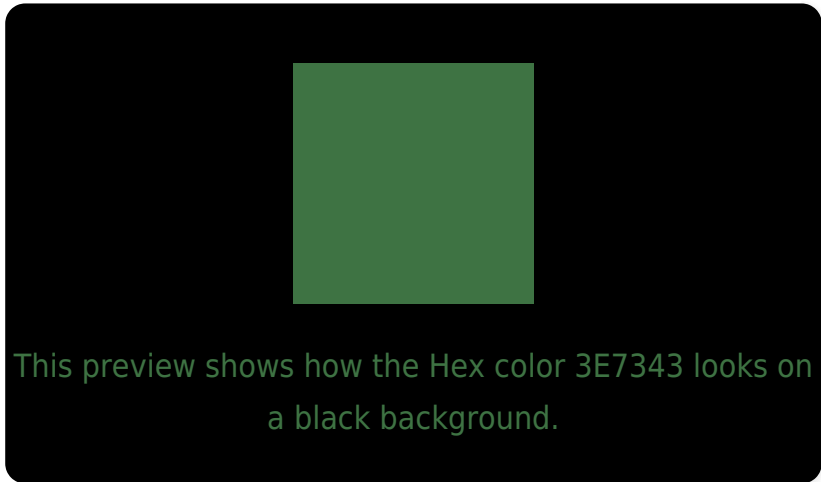
Large Text (above 18pt) WCAG AA ✓ Pass

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

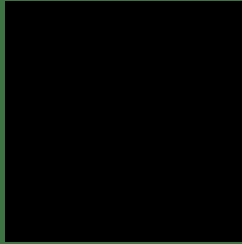
Any Text WCAG AA × Fail

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 3E7343 Background



This preview shows how black text looks on a background with the Hex color 3E7343.



This preview shows how white text looks on a background with the Hex color 3E7343.

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
3E7343

Protanopia
71673E

Deuteranopia
7B6347



Tritanopia
496D76

Trichromacy



Original Color
3E7343

Protanomaly
5E6B40

Deuteranomaly
656946

Tritanomaly
456F63

Monochromacy



Original Color
3E7343

Achromatopsia
5E5E5E

Achromatomaly
526654

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7343 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 #3E7343 looks like.

```
.text, #text, p{  
    color:#3E7343  
}
```

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 #3E7343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7343
}
```

Border

The CSS property to change the border of an element to Hex 3E7343 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
#3E7343 }
```

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

```
.border{ border-color:#3E7343 }
```

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

Here you see how a box with a 4 pixel #3E7343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7343; -webkit-box-shadow:4px 4px  
4px 4px #3E7343; box-shadow:4px 4px 4px  
4px #3E7343 }
```

Background

The CSS property to change the background color of an element to Hex 3E7343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7343 }
```

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

```
.background{ background-color:#3E7343 }
```

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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