

Converting Colors

Hex(3E7445)

Have a look what the booklet for
Hex(3E7445) contains.

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Color

Hex(3E7445)

Conversions

Conversions Part 1

Format	Color
Hex	3E7445
RGB	62, 116, 69
RGB Percent	24%, 45%, 27%
CMY	0.7569, 0.5451, 0.7294
CMYK	0.47, 0.00, 0.41, 0.55
HSL	128°, 30%, 35%
HSV	128°, 47%, 45%
XYZ	9.3062, 13.9446, 7.8313
YIQ	94.4960, -17.0970, -26.0650

Conversions

Conversions Part 2

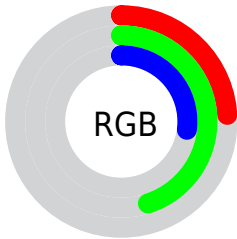
Format	Color
RYB	62, 110, 116
Decimal	4092997
CIELab	44.15, -28.83, 20.54
CIELCh	44, 35.397, 144.533
Yxy	13.9446, 0.2994, 0.4486
Android (android.graphics.Color)	4282283077 (0xFF3E7445)
YUV	94.4960, -12.5695, -28.4990
Hunter-Lab	37.3425, -20.8650, 13.7057

Details

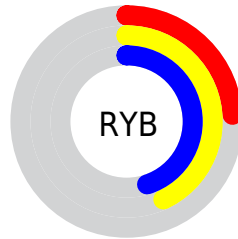
The Hex color **3E7445** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **743E6D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **71A876**, and **084318** is the 20% darker color. If you saturate the color by 10%, you get **32743B**, and if you desaturate by 10%, it is **4A744F**.

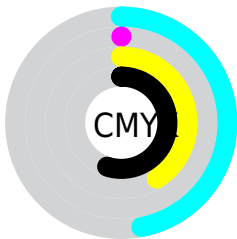
Distribution



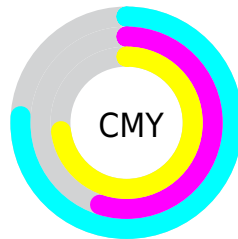
- Red (24%)
- Green (45%)
- Blue (27%)



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



- Cyan (47%)
- Magenta (0%)
- Yellow (41%)
- Black (55%)



- Cyan (76%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E7445 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 3E7445 by changing the saturation by 10% instead.



3E7445



3E7445

FFFFFF



255B2E



71A876



084318



8BC490



002C00



A6E0AA



001700



C2FDC6



000000



DEFEE2



FBFFFE



3E7445



3E7445



32743B



4A744F

■ 277431

■ 557459

■ 1B7427

■ 617463

■ 10741D

■ 6C746D

■ 047413

■ 787477

■ 00740F

■ 847482

■ 8F748C

■ 9B7496

■ A674A0

Harmonies

Analogous

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



626E31



3E7445



007762

Triad

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



3E7445



236DA3



9F5152

Complementary

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



3E7445



743E6D

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.



9C506F



3E7445



62639E

Square

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



3E7445



007498



88578B



945A39

Rectangle

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



3E7445



007776



88578B



A0505B

Sweetspot

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



3E7445



819684



6E743E



3F4D41



CCCCCC



4D4D4D

Same Dimension

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



3E7445



42964D



3E745F



353B36



007A10



00FA20

Inverse Universe

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



743E6D



96428C



743E53



3B353A



7A006B



FA00DA

Previews

White Background



This preview shows how the Hex color 3E7445 looks on a white background.

Color Contrast Check

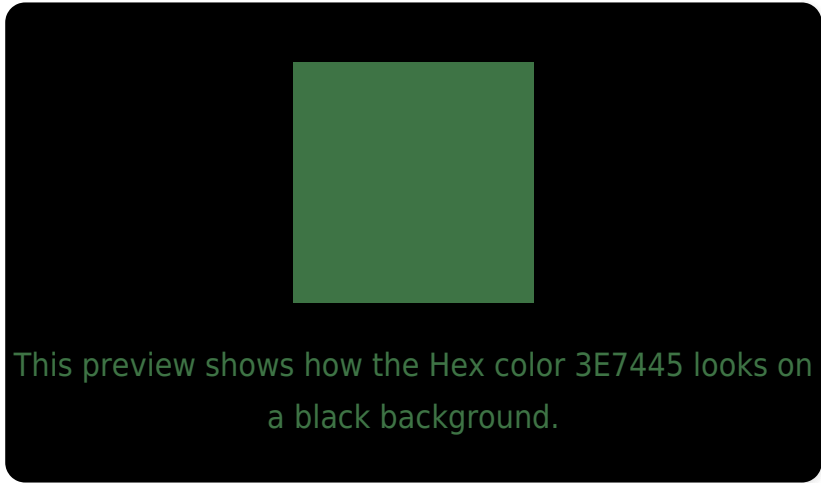
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E7445 Background



This preview shows how black text looks on a background with the Hex color 3E7445.



This preview shows how white text looks on a background with the Hex color 3E7445.

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
3E7445

Protanopia
716840

Deuteranopia
7C6349



Tritanopia
496E77

Trichromacy



Original Color
3E7445

Protanomaly
5E6C42

Deuteranomaly
656948

Tritanomaly
457065

Monochromacy



Original Color
3E7445

Achromatopsia
5E5E5E

Achromatomaly
526655

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E7445 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 #3E7445 looks like.

```
.text, #text, p{  
    color:#3E7445  
}
```

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 #3E7445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7445
}
```

Border

The CSS property to change the border of an element to Hex 3E7445 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
#3E7445 }
```

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

```
.border{ border-color:#3E7445 }
```

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

Here you see how a box with a 4 pixel #3E7445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7445; -webkit-box-shadow:4px 4px  
4px 4px #3E7445; box-shadow:4px 4px 4px  
4px #3E7445 }
```

Background

The CSS property to change the background color of an element to Hex 3E7445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7445 }
```

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

```
.background{ background-color:#3E7445 }
```

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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