

Converting Colors

Hex(3E734C)

Have a look what the booklet for
Hex(3E734C) contains.

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Color

Hex(3E734C)

Conversions

Conversions Part 1

Format	Color
Hex	3E734C
RGB	62, 115, 76
RGB Percent	24%, 45%, 30%
CMY	0.7569, 0.5490, 0.7020
CMYK	0.46, 0.00, 0.34, 0.55
HSL	136°, 30%, 35%
HSV	136°, 46%, 45%
XYZ	9.4218, 13.8074, 9.0060
YIQ	94.7070, -19.0690, -23.3650

Conversions

Conversions Part 2

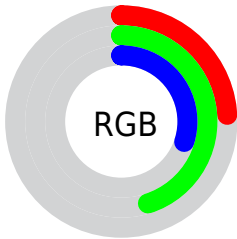
Format	Color
RYB	62, 104, 115
Decimal	4092748
CIELab	43.96, -27.03, 16.23
CIELCh	44, 31.525, 149.012
Yxy	13.8074, 0.2923, 0.4283
Android (android.graphics.Color)	4282282828 (0xFF3E734C)
YUV	94.7070, -9.2226, -28.6840
Hunter-Lab	37.1583, -19.7667, 11.6408

Details

The Hex color **3E734C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **733E65**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **71A77D**, and **09421F** is the 20% darker color. If you saturate the color by 10%, you get **337344**, and if you desaturate by 10%, it is **4A7354**.

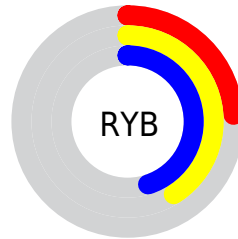
Distribution



Red (24%)

Green (45%)

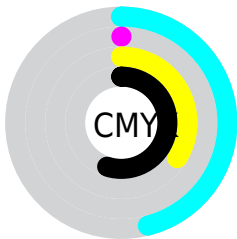
Blue (30%)



Red (24%)

Yellow (41%)

Blue (45%)

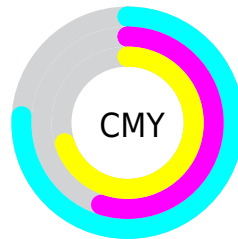


Cyan (46%)

Magenta (0%)

Yellow (34%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E734C 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 3E734C by changing the saturation by 10% instead.



3E734C



3E734C

FFFFFF



255A35



71A77D



09421F



8BC397



002C09



A6DFB2



001600



C2FCCD



000000



DEFEEA



FBFFFF



3E734C



3E734C



337344



4A7354

■ 27733B

■ 55735D

■ 1C7333

■ 617365

■ 10732A

■ 6C736E

■ 057322

■ 787376

■ 00731E

■ 83737F

■ 8F7387

■ 9A7390

■ A57398

Harmonies

Analogous

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



5E6E39



3E734C



067566

Triad

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



3E734C



3B6B9C



995550

Complementary

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



3E734C



733E65

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.



98536A



3E734C



696196

Square

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



3E734C



007294



885883



8D5D3C

Rectangle

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



3E734C



007578



885883



9A5358

Sweetspot

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



3E734C



819687



66733E



3F4D43



CCCCCC



4D4D4D

Same Dimension

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



3E734C



44965A



3E7366



353B36



007A20



00FA42

Inverse Universe

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



733E65



964481



733E4B



3B3539



7A005A



FA00B8

Previews

White Background



This preview shows how the Hex color 3E734C looks on a white background.

Color Contrast Check

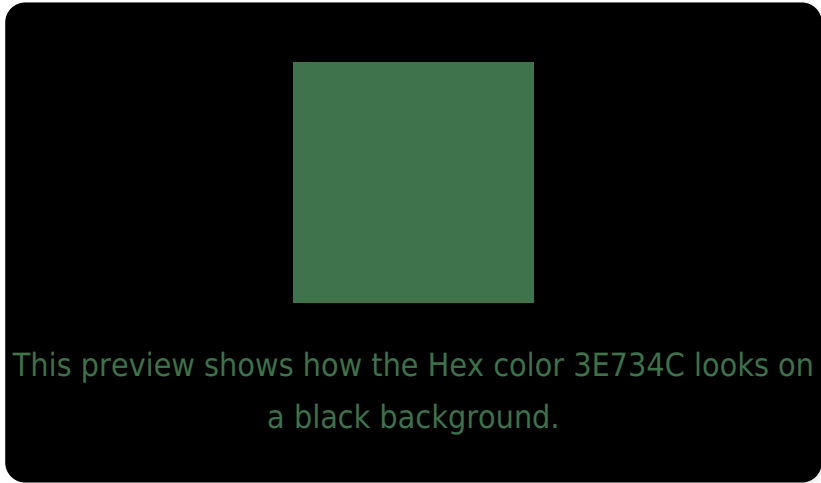
Large Text (above 18pt) WCAG AA ✓ Pass

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

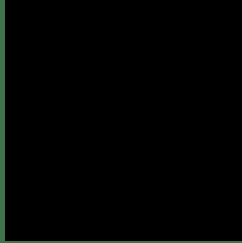
Any Text WCAG AA × Fail

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 3E734C Background



This preview shows how black text looks on a background with the Hex color 3E734C.



This preview shows how white text looks on a background with the Hex color 3E734C.

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
3E734C

Protanopia
706747

Deuteranopia
796350



Tritanopia
486E77

Trichromacy



Original Color
3E734C

Protanomaly
5E6B49

Deuteranomaly
64694F

Tritanomaly
447067

Monochromacy



Original Color
3E734C

Achromatopsia
5F5F5F

Achromatomaly
536658

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E734C 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 #3E734C looks like.

```
.text, #text, p{  
    color:#3E734C  
}
```

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 #3E734C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E734C
}
```

Border

The CSS property to change the border of an element to Hex 3E734C 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".

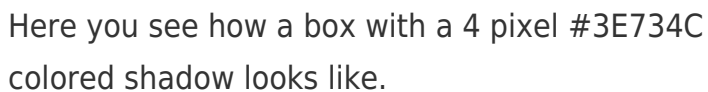
```
.border, #border, table{ border:4px solid
#3E734C }
```

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

```
.border{ border-color:#3E734C }
```

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

Here you see how a box with a 4 pixel #3E734C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E734C; -webkit-box-shadow:4px 4px  
4px 4px #3E734C; box-shadow:4px 4px 4px  
4px #3E734C }
```

Background

The CSS property to change the background color of an element to Hex 3E734C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E734C }
```

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

```
.background{ background-color:#3E734C }
```

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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