

Converting Colors

Hex(3E743B)

Have a look what the booklet for
Hex(3E743B) contains.

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Color

Hex(3E743B)

Conversions

Conversions Part 1

Format	Color
Hex	3E743B
RGB	62, 116, 59
RGB Percent	24%, 45%, 23%
CMY	0.7569, 0.5451, 0.7686
CMYK	0.47, 0.00, 0.49, 0.55
HSL	117°, 33%, 34%
HSV	117°, 49%, 45%
XYZ	9.0214, 13.8307, 6.3318
YIQ	93.3560, -13.8870, -29.1750

Conversions

Conversions Part 2

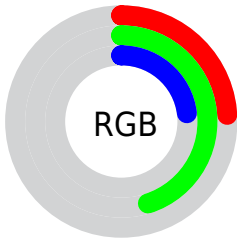
Format	Color
RYB	59, 116, 113
Decimal	4092987
CIELab	43.99, -30.50, 25.94
CIELCh	44, 40.039, 139.611
Yxy	13.8307, 0.3091, 0.4739
Android (android.graphics.Color)	4282283067 (0xFF3E743B)
YUV	93.3560, -16.9375, -27.4992
Hunter-Lab	37.1896, -21.7815, 15.9382

Details

The Hex color **3E743B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **713B74**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **71A96B**, and **07430E** is the 20% darker color. If you saturate the color by 10%, you get **33742F**, and if you desaturate by 10%, it is **497447**.

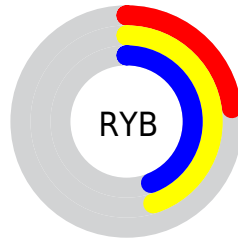
Distribution



Red (24%)

Green (45%)

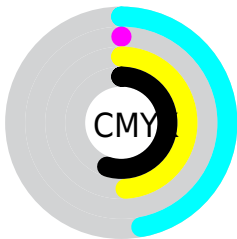
Blue (23%)



Red (23%)

Yellow (45%)

Blue (44%)

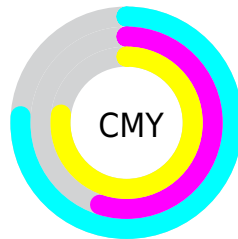


Cyan (47%)

Magenta (0%)

Yellow (49%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E743B 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 3E743B by changing the saturation by 10% instead.



3E743B



3E743B

FFFFFF



255B24



71A96B



07430E



8CC485



002C00



A7E09F



001600



C3FDBB



000000



DFFFD6



FCFFF3



3E743B



3E743B



33742F



497447

■ 287424

■ 547452

■ 1D7418

■ 5F745E

■ 12740D

■ 6A7469

■ 077401

■ 757475

■ 067400

■ 807481

■ 8B748C

■ 967498

■ A174A3

Harmonies

Analogous

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



656D25



3E743B



00785B

Triad

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



3E743B



006FA9



A64C54

Complementary

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



3E743B



713B74

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.



9F4C75



3E743B



5664A7

Square

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



3E743B



00769A



855693



9B5536

Rectangle

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



3E743B



007872



855693



A54B5F

Sweetspot

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



3E743B



819680



74703B



3F4D3F



CCCCCC



4D4D4D

Same Dimension

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



3E743B



42963E



3B7454



353B35



067A00



0DFA00

Inverse Universe

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



713B74



923E96



743B5B



3A353B



74007A



ED00FA

Previews

White Background



This preview shows how the Hex color 3E743B 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 3E743B Background



This preview shows how black text looks on a background with the Hex color 3E743B.



This preview shows how white text looks on a background with the Hex color 3E743B.

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
3E743B

Protanopia
726837

Deuteranopia
7D633F



Tritanopia
4A6D76

Trichromacy



Original Color
3E743B

Protanomaly
5F6C38

Deuteranomaly
66693E

Tritanomaly
467061

Monochromacy



Original Color
3E743B

Achromatopsia
5D5D5D

Achromatomaly
526551

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E743B 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 #3E743B looks like.

```
.text, #text, p{  
    color:#3E743B  
}
```

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 #3E743B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E743B
}
```

Border

The CSS property to change the border of an element to Hex 3E743B 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
#3E743B }
```

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

```
.border{ border-color:#3E743B }
```

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

Here you see how a box with a 4 pixel #3E743B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E743B; -webkit-box-shadow:4px 4px  
4px 4px #3E743B; box-shadow:4px 4px 4px  
4px #3E743B }
```

Background

The CSS property to change the background color of an element to Hex 3E743B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E743B }
```

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

```
.background{ background-color:#3E743B }
```

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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