

Converting Colors

Hex(3E4D2A)

Have a look what the booklet for
Hex(3E4D2A) contains.

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Color

Hex(3E4D2A)

Conversions

Conversions Part 1

Format	Color
Hex	3E4D2A
RGB	62, 77, 42
RGB Percent	24%, 30%, 16%
CMY	0.7569, 0.6980, 0.8353
CMYK	0.19, 0.00, 0.45, 0.70
HSL	86°, 29%, 23%
HSV	86°, 45%, 30%
XYZ	5.0584, 6.4991, 3.1783
YIQ	68.5250, 2.2950, -14.0650

Conversions

Conversions Part 2

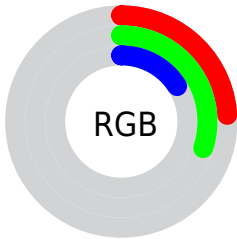
Format	Color
RYB	42, 77, 57
Decimal	4082986
CIELab	30.64, -12.95, 18.83
CIELCh	31, 22.855, 124.523
Yxy	6.4991, 0.3433, 0.4410
Android (android.graphics.Color)	4282273066 (0xFF3E4D2A)
YUV	68.5250, -13.0768, -5.7224
Hunter-Lab	25.4932, -9.1950, 10.4534

Details

The Hex color **3E4D2A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **392A4D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6E7E58**, and **152100** is the 20% darker color. If you saturate the color by 10%, you get **3B4D22**, and if you desaturate by 10%, it is **414D32**.

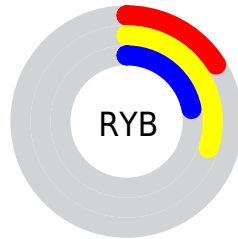
Distribution



Red (24%)

Green (30%)

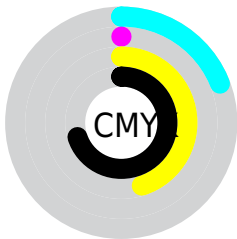
Blue (16%)



Red (16%)

Yellow (30%)

Blue (22%)

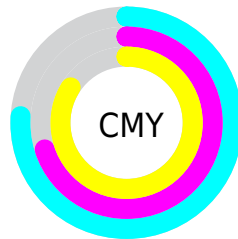


Cyan (19%)

Magenta (0%)

Yellow (45%)

Black (70%)



Cyan (76%)

Magenta (70%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4D2A 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 3E4D2A by changing the saturation by 10% instead.

 3E4D2A

 3E4D2A

FFFFFF

 273615

 6E7E58

 152100

 889871

 000400

 A2B38A

 000000

 BECEA5

 D9EAC0

 F6FFDC

 FFFFF8

 3E4D2A

 3E4D2A

■ 3B4D22

■ 414D32

■ 374D1B

■ 454D39

■ 344D13

■ 484D41

■ 314D0B

■ 4B4D49

■ 2E4D03

■ 4E4D51

■ 2C4D00

■ 524D58

■ 554D60

■ 584D68

■ 5C4D6F

Harmonies

Analogous

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



514824



3E4D2A



285038

Triad

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



3E4D2A



084E68



6A3A46

Complementary

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



3E4D2A



392A4D

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.



613C58



3E4D2A



31496B

Square

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



3E4D2A



00515C



4D4266



693C35

Rectangle

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



3E4D2A



145144



4D4266



683A4C

Sweetspot

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



3E4D2A



5D6356



4D392A



2F332A



B3B3B3



333333

Same Dimension

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



3E4D2A



4C632D



2D4D2A



252622



3A6600



83E600

Inverse Universe

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



392A4D



442D63



4A2A4D



242226



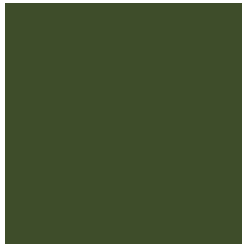
2C0066



6200E6

Previews

White Background



This preview shows how the Hex color 3E4D2A looks on a white background.

Color Contrast Check

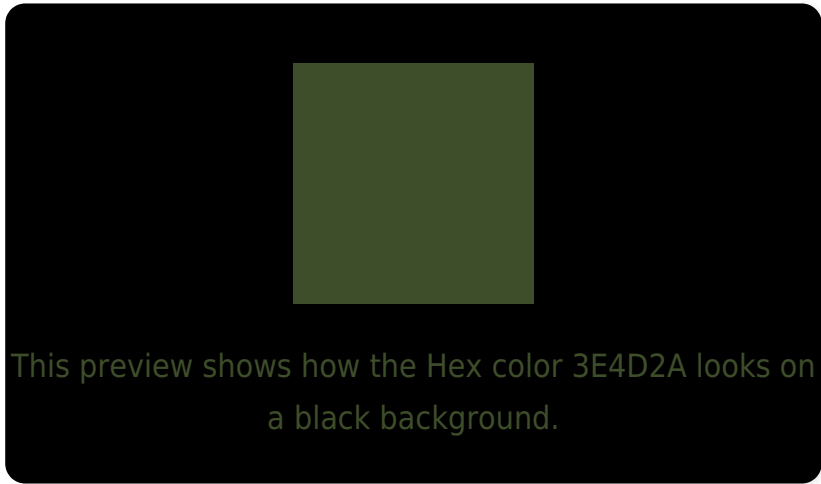
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

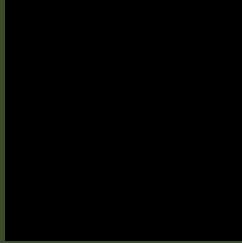
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

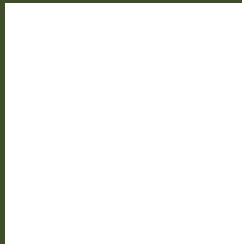
Any Text WCAG AAA × Fail

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

Hex 3E4D2A Background



This preview shows how black text looks on a background with the Hex color 3E4D2A.



This preview shows how white text looks on a background with the Hex color 3E4D2A.

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
3E4D2A

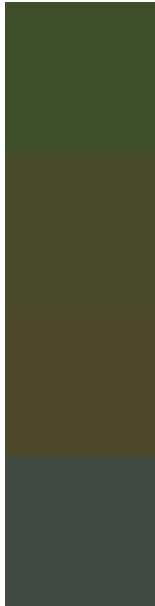
Protanopia
4F4828

Deuteranopia
57452C



Tritanopia
43494F

Trichromacy



Original Color
3E4D2A

Protanomaly
494A29

Deuteranomaly
4E482B

Tritanomaly
414A42

Monochromacy



Original Color
3E4D2A

Achromatopsia
454545

Achromatomaly
42483B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4D2A 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 #3E4D2A looks like.

```
.text, #text, p{  
    color:#3E4D2A  
}
```

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 #3E4D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4D2A
}
```

Border

The CSS property to change the border of an element to Hex 3E4D2A 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".

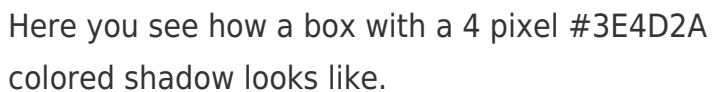
```
.border, #border, table{ border:4px solid
#3E4D2A }
```

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

```
.border{ border-color:#3E4D2A }
```

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

Here you see how a box with a 4 pixel #3E4D2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4D2A; -webkit-box-shadow:4px 4px  
4px 4px #3E4D2A; box-shadow:4px 4px 4px  
4px #3E4D2A }
```

Background

The CSS property to change the background color of an element to Hex 3E4D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4D2A }
```

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

```
.background{ background-color:#3E4D2A }
```

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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