

Converting Colors

Hex(3E4D2B)

Have a look what the booklet for
Hex(3E4D2B) contains.

Hex(3E4D2B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E4D2B)

Conversions

Conversions Part 1

Format	Color
Hex	3E4D2B
RGB	62, 77, 43
RGB Percent	24%, 30%, 17%
CMY	0.7569, 0.6980, 0.8314
CMYK	0.19, 0.00, 0.44, 0.70
HSL	86°, 28%, 24%
HSV	86°, 44%, 30%
XYZ	5.0765, 6.5063, 3.2738
YIQ	68.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

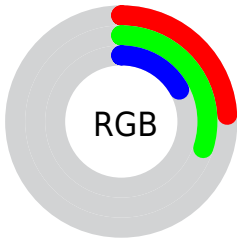
Format	Color
RYB	43, 77, 58
Decimal	4082987
CIELab	30.66, -12.80, 18.25
CIELCh	31, 22.293, 125.052
Yxy	6.5063, 0.3417, 0.4379
Android (android.graphics.Color)	4282273067 (0xFF3E4D2B)
YUV	68.6390, -12.6400, -5.8224
Hunter-Lab	25.5075, -9.1128, 10.2456

Details

The Hex color **3E4D2B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3A2B4D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6E7E59**, and **152100** is the 20% darker color. If you saturate the color by 10%, you get **3B4D23**, and if you desaturate by 10%, it is **414D33**.

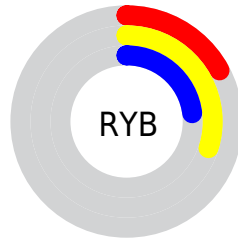
Distribution



Red (24%)

Green (30%)

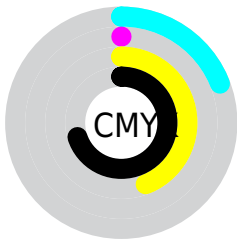
Blue (17%)



Red (17%)

Yellow (30%)

Blue (23%)

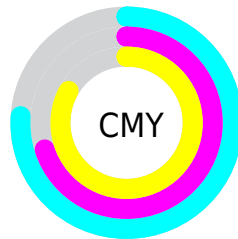


Cyan (19%)

Magenta (0%)

Yellow (44%)

Black (70%)



Cyan (76%)

Magenta (70%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E4D2B 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 3E4D2B by changing the saturation by 10% instead.

 3E4D2B

 3E4D2B

FFFFFF

 283616

 6E7E59

 152100

 889872

 000400

 A2B38B

 000000

 BDCEA6

 D9EAC1

 F6FFDD

 FFFFFA

 3E4D2B

 3E4D2B

■ 3B4D23

■ 414D33

■ 374D1C

■ 454D3A

■ 344D14

■ 484D42

■ 304D0C

■ 4C4D4A

■ 2D4D05

■ 4F4D52

■ 2B4D00

■ 524D59

■ 564D61

■ 594D69

■ 5D4D70

Harmonies

Analogous

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



504825



3E4D2B



285039

Triad

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



3E4D2B



0E4E67



693A46

Complementary

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



3E4D2B



3A2B4D

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.



603D57



3E4D2B



33496B

Square

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



3E4D2B



00515C



4E4365



683D35

Rectangle

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



3E4D2B



165145



4E4365



673B4C

Sweetspot

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



3E4D2B



5E6357



4D3A2B



2F332B



B3B3B3



333333

Same Dimension

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



3E4D2B



4C632F



2D4D2B



252622



396600



80E600

Inverse Universe

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



3A2B4D



462F63



4B2B4D



242226



2D0066



6500E6

Previews

White Background



This preview shows how the Hex color 3E4D2B 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

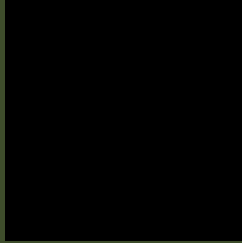
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

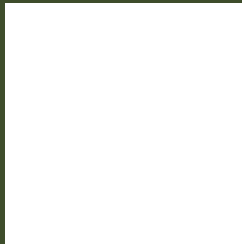
Any Text WCAG AAA × Fail

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

Hex 3E4D2B Background



This preview shows how black text looks on a background with the Hex color 3E4D2B.



This preview shows how white text looks on a background with the Hex color 3E4D2B.

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
3E4D2B

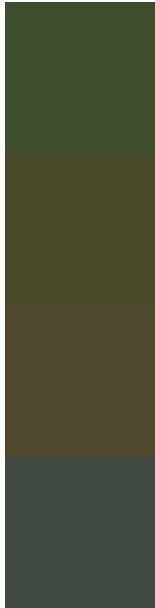
Protanopia
4F4829

Deuteranopia
57452D



Tritanopia
43494F

Trichromacy



Original Color
3E4D2B

Protanomaly
494A2A

Deuteranomaly
4E482C

Tritanomaly
414A42

Monochromacy



Original Color
3E4D2B

Achromatopsia
454545

Achromatomaly
42483C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E4D2B 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 #3E4D2B looks like.

```
.text, #text, p{  
    color:#3E4D2B  
}
```

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 #3E4D2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4D2B
}
```

Border

The CSS property to change the border of an element to Hex 3E4D2B 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".

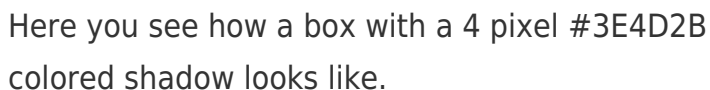
```
.border, #border, table{ border:4px solid
#3E4D2B }
```

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

```
.border{ border-color:#3E4D2B }
```

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

Here you see how a box with a 4 pixel #3E4D2B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4D2B; -webkit-box-shadow:4px 4px  
4px 4px #3E4D2B; box-shadow:4px 4px 4px  
4px #3E4D2B }
```

Background

The CSS property to change the background color of an element to Hex 3E4D2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4D2B }
```

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

```
.background{ background-color:#3E4D2B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor