

# Converting Colors

Hex(3E832C)

Have a look what the booklet for  
Hex(3E832C) contains.

<b>Hex(3E832C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(3E832C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E832C
RGB	62, 131, 44
RGB Percent	24%, 51%, 17%
CMY	0.7569, 0.4863, 0.8275
CMYK	0.53, 0.00, 0.66, 0.49
HSL	108°, 50%, 34%
HSV	108°, 66%, 51%
XYZ	10.5575, 17.4386, 5.1924
YIQ	100.4510, -13.1970, -41.6850

# Conversions

## Conversions Part 2

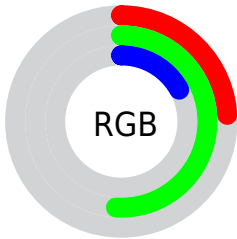
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 131, 113
Decimal	4096812
CIE <sub>Lab</sub>	48.81, -38.99, 39.21
CIE <sub>LCh</sub>	49, 55.300, 134.841
Yxy	17.4386, 0.3181, 0.5254
Android (android.graphics.Color)	4282286892 (0xFF3E832C)
YUV	100.4510, -27.8303, -33.7215
Hunter-Lab	41.7595, -27.9513, 21.8595

# Details

The Hex color **3E832C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **712C83**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **74B95E**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **34831F**, and if you desaturate by 10%, it is **488339**.

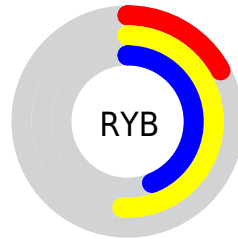
# Distribution



Red (24%)

Green (51%)

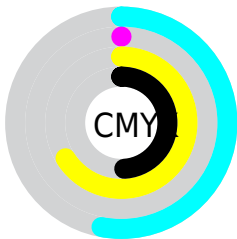
Blue (17%)



Red (17%)

Yellow (51%)

Blue (44%)

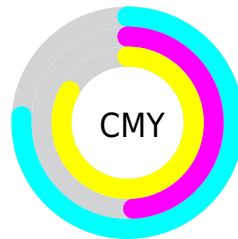


Cyan (53%)

Magenta (0%)

Yellow (66%)

Black (49%)



Cyan (76%)

Magenta (49%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E832C 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 3E832C by changing the saturation by 10% instead.





3E832C



3E832C

FFFFFF



216912



74B95E



005100



8FD577



003900



ABF192



002500



C7FFAD



000000



E4FFC9



FFFFE5



3E832C



3E832C



34831F



488339

■ 298312

■ 538346

■ 1F8305

■ 5D8353

■ 1B8300

■ 688360

■ 72836E

■ 7C837B

■ 878388

■ 918395

■ 9C83A2

# Harmonies

## Analogous

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



757903



3E832C



00885A

# Triad

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



3E832C



0080CE



C8465F

# Complementary

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



3E832C



712C83

# 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.



BC498E



3E832C



3F71CF

# Square

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



3E832C



0088B5



935DB7



BC5533

# Rectangle

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



3E832C



008A7A



935DB7



C7446E



# Sweetspot

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



3E832C



90AB89



83702C



465742



D6D6D6



575757



# Same Dimension

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



3E832C



3EAB22



2C8345



3D423C



1B8200



010300



# Inverse Universe

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



712C83



8F22AB



832C6A



413C42



670082



020003



# Previews

## White Background



This preview shows how the Hex color 3E832C looks on a white background.

## Color Contrast Check

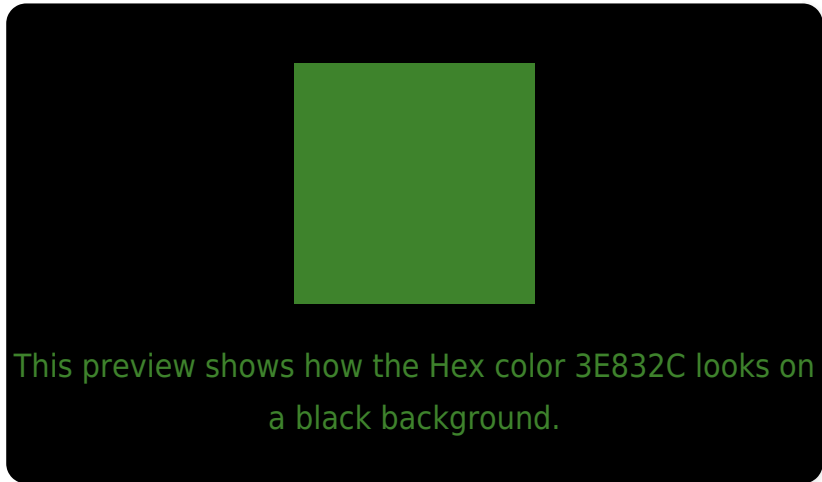
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E832C Background



This preview shows how black text looks on a background with the Hex color 3E832C.



This preview shows how white text looks on a background with the Hex color 3E832C.

# 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**  
3E832C

**Protanopia**  
817428

**Deuteranopia**  
8F6E33



**Tritanopia**  
4F7A84

# Trichromacy



**Original Color**  
3E832C

**Protanomaly**  
697929

**Deuteranomaly**  
727630

**Tritanomaly**  
497D64

# Monochromacy



**Original Color**  
3E832C

**Achromatopsia**  
646464

**Achromatomaly**  
566F50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E832C 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 #3E832C looks like.

```
.text, #text, p{  
    color:#3E832C  
}
```

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 #3E832C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E832C
}
```

## Border

The CSS property to change the border of an element to Hex 3E832C 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".

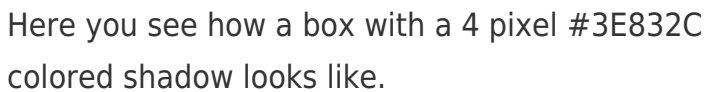
```
.border, #border, table{ border:4px solid
#3E832C }
```

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

```
.border{ border-color:#3E832C }
```

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

Here you see how a box with a 4 pixel #3E832C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E832C; -webkit-box-shadow:4px 4px  
4px 4px #3E832C; box-shadow:4px 4px 4px  
4px #3E832C }
```

# Background

The CSS property to change the background color of an element to Hex 3E832C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E832C }
```

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

```
.background{ background-color:#3E832C }
```

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