

# Converting Colors

Hex(3E682E)

Have a look what the booklet for  
Hex(3E682E) contains.

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# Color

**Hex(3E682E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E682E
RGB	62, 104, 46
RGB Percent	24%, 41%, 18%
CMY	0.7569, 0.5922, 0.8196
CMYK	0.40, 0.00, 0.56, 0.59
HSL	103°, 39%, 29%
HSV	103°, 56%, 41%
XYZ	7.4301, 11.1220, 4.3399
YIQ	84.8300, -6.4140, -26.9420

# Conversions

## Conversions Part 2

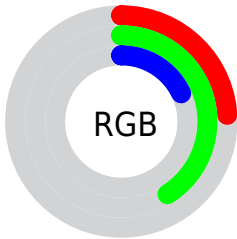
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 104, 88
Decimal	4089902
CIELab	39.79, -26.66, 27.86
CIELCh	40, 38.565, 133.739
Yxy	11.1220, 0.3246, 0.4858
Android (android.graphics.Color)	4282279982 (0xFF3E682E)
YUV	84.8300, -19.1432, -20.0219
Hunter-Lab	33.3497, -18.5935, 15.6291

# Details

The Hex color **3E682E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **582E68**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **709C5E**, and **0D3800** is the 20% darker color. If you saturate the color by 10%, you get **366824**, and if you desaturate by 10%, it is **466838**.

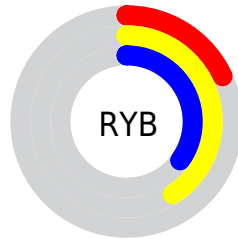
# Distribution



Red (24%)

Green (41%)

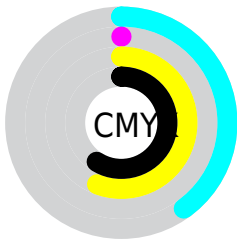
Blue (18%)



Red (18%)

Yellow (41%)

Blue (35%)

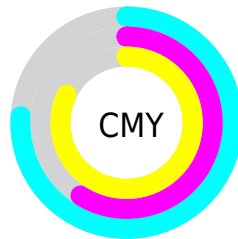


Cyan (40%)

Magenta (0%)

Yellow (56%)

Black (59%)



Cyan (76%)

Magenta (59%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E682E 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 3E682E by changing the saturation by 10% instead.



 3E682E

 3E682E

FFFFFF

 265017

 709C5E

 0D3800

 8AB777

 002300

 A5D291

 000000

 C1EFAB

 DDFFC7

 FAFFE3

 3E682E

 3E682E

 366824

 466838

■ 2F6819

■ 4D6843

■ 27680F

■ 55684D

■ 206804

■ 5C6858

■ 1D6800

■ 646862

■ 6B686C

■ 736877

■ 7A6881

■ 82688C

# Harmonies

## Analogous

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



61611C



3E682E



006C4B

# Triad

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



3E682E



00669A



984250

# Complementary

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



3E682E



582E68

# 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.



8E4470



3E682E



3F5C9B

# Square

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



3E682E



006B88



724F8B



914A34

# Rectangle

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



3E682E



006D61



724F8B



97415B



# Sweetspot

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



3E682E



778770



68582E



3B4537



C4C4C4



454545



# Same Dimension

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



3E682E



46872D



2E683B



2F332E



207300



43F200



# Inverse Universe

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



582E68



6E2D87



682E5B



322E33



530073



AF00F2



# Previews

## White Background



This preview shows how the Hex color 3E682E 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

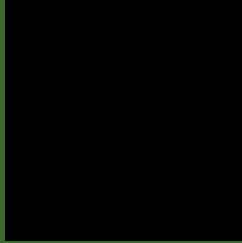
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E682E Background



This preview shows how black text looks on a background with the Hex color 3E682E.



This preview shows how white text looks on a background with the Hex color 3E682E.

# 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**  
3E682E

**Protanopia**  
685E2B

**Deuteranopia**  
725932



**Tritanopia**  
48626A

# Trichromacy



**Original Color**  
3E682E

**Protanomaly**  
59622C

**Deuteranomaly**  
5F5E31

**Tritanomaly**  
446454

# Monochromacy



**Original Color**  
3E682E

**Achromatopsia**  
555555

**Achromatomaly**  
4D5C47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E682E 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 #3E682E looks like.

```
.text, #text, p{  
    color:#3E682E  
}
```

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 #3E682E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E682E
}
```

## Border

The CSS property to change the border of an element to Hex 3E682E 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".

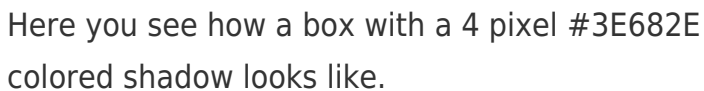
```
.border, #border, table{ border:4px solid
#3E682E }
```

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

```
.border{ border-color:#3E682E }
```

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

Here you see how a box with a 4 pixel #3E682E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E682E; -webkit-box-shadow:4px 4px  
4px 4px #3E682E; box-shadow:4px 4px 4px  
4px #3E682E }
```

# Background

The CSS property to change the background color of an element to Hex 3E682E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E682E }
```

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

```
.background{ background-color:#3E682E }
```

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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