

# Converting Colors

Hex(3E5B3B)

Have a look what the booklet for  
Hex(3E5B3B) contains.

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# Color

Hex(3E5B3B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E5B3B
RGB	62, 91, 59
RGB Percent	24%, 36%, 23%
CMY	0.7569, 0.6431, 0.7686
CMYK	0.32, 0.00, 0.35, 0.64
HSL	114°, 21%, 29%
HSV	114°, 35%, 36%
XYZ	6.5171, 8.8221, 5.4970
YIQ	78.6810, -7.0120, -16.1000

# Conversions

## Conversions Part 2

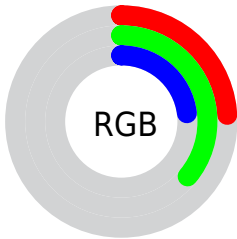
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 91, 88
Decimal	4086587
CIELab	35.64, -17.94, 15.12
CIElCh	36, 23.455, 139.877
Yxy	8.8221, 0.3128, 0.4234
Android (android.graphics.Color)	4282276667 (0xFF3E5B3B)
YUV	78.6810, -9.7027, -14.6292
Hunter-Lab	29.7020, -12.8126, 9.8184

# Details

The Hex color **3E5B3B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **583B5B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6F8D6B**, and **112D10** is the 20% darker color. If you saturate the color by 10%, you get **365B32**, and if you desaturate by 10%, it is **465B44**.

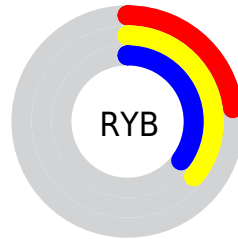
# Distribution



Red (24%)

Green (36%)

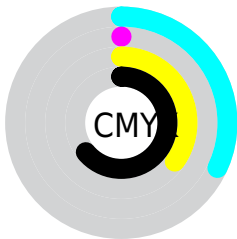
Blue (23%)



Red (23%)

Yellow (36%)

Blue (35%)

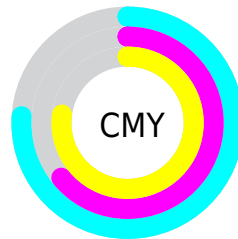


Cyan (32%)

Magenta (0%)

Yellow (35%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E5B3B 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 3E5B3B by changing the saturation by 10% instead.





3E5B3B



3E5B3B

FFFFFF



274325



6F8D6B



112D10



88A884



001A00



A3C39E



000000



BEDFB9



DAFCD5



F7FFF1



3E5B3B



3E5B3B



365B32



465B44

■ 2E5B29

■ 4E5B4D

■ 255B20

■ 575B56

■ 1D5B17

■ 5F5B5F

■ 155B0E

■ 675B69

■ 0D5B04

■ 6F5B72

■ 095B00

■ 785B7B

■ 805B84

■ 885B8D

# Harmonies

## Analogous

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



535730



3E5B3B



255D4D

# Triad

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



3E5B3B



2C5878



784648

# Complementary

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



3E5B3B



583B5B

# 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.



74465B



3E5B3B



4D5177

# Square

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



3E5B3B



055C70



654A6C



734A38

# Rectangle

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



3E5B3B



105E5A



654A6C



78454E



# Sweetspot

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



3E5B3B



6A7568



5B583B



343B33



BABABA



3B3B3B



# Same Dimension

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



3E5B3B



497544



3B5B48



2A2E29



0A6E00



16ED00



# Inverse Universe

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



583B5B



714475



5B3B4E



2D292E



63006E

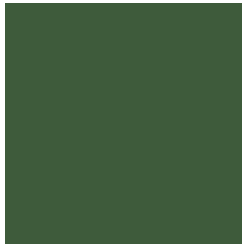


D700ED



# Previews

## White Background



This preview shows how the Hex color 3E5B3B looks on a white background.

## Color Contrast Check

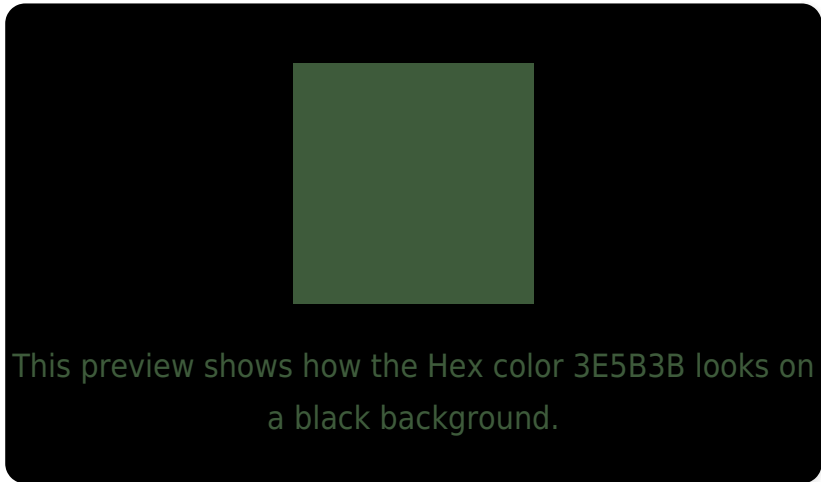
Large Text (above 18pt) WCAG AA ✓ Pass

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

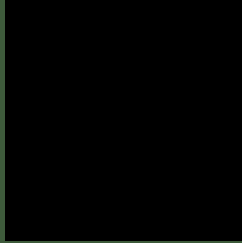
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E5B3B Background



This preview shows how black text looks on a background with the Hex color 3E5B3B.



This preview shows how white text looks on a background with the Hex color 3E5B3B.

# 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**  
3E5B3B

**Protanopia**  
5B5438

**Deuteranopia**  
63503D



**Tritanopia**  
44575E

# Trichromacy



**Original Color**  
3E5B3B

**Protanomaly**  
505739

**Deuteranomaly**  
56543C

**Tritanomaly**  
425851

# Monochromacy



**Original Color**  
3E5B3B

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
495348

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E5B3B 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 #3E5B3B looks like.

```
.text, #text, p{  
    color:#3E5B3B  
}
```

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 #3E5B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5B3B
}
```

## Border

The CSS property to change the border of an element to Hex 3E5B3B 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
#3E5B3B }
```

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

```
.border{ border-color:#3E5B3B }
```

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

Here you see how a box with a 4 pixel #3E5B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5B3B; -webkit-box-shadow:4px 4px  
4px 4px #3E5B3B; box-shadow:4px 4px 4px  
4px #3E5B3B }
```

# Background

The CSS property to change the background color of an element to Hex 3E5B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5B3B }
```

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

```
.background{ background-color:#3E5B3B }
```

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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