

Converting Colors

Hex(3E5837)

Have a look what the booklet for
Hex(3E5837) contains.

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Color

Hex(3E5837)

Conversions

Conversions Part 1

Format	Color
Hex	3E5837
RGB	62, 88, 55
RGB Percent	24%, 35%, 22%
CMY	0.7569, 0.6549, 0.7843
CMYK	0.30, 0.00, 0.37, 0.65
HSL	107°, 23%, 28%
HSV	107°, 37%, 35%
XYZ	6.1659, 8.2794, 4.8875
YIQ	76.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

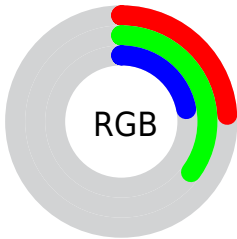
Format	Color
RYB	55, 88, 81
Decimal	4085815
CIELab	34.56, -17.02, 16.09
CIElCh	35, 23.421, 136.606
Yxy	8.2794, 0.3189, 0.4283
Android (android.graphics.Color)	4282275895 (0xFF3E5837)
YUV	76.4640, -10.5818, -12.6849
Hunter-Lab	28.7740, -12.1040, 10.0708

Details

The Hex color **3E5837** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **513758**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6E8A66**, and **122A0C** is the 20% darker color. If you saturate the color by 10%, you get **37582E**, and if you desaturate by 10%, it is **455840**.

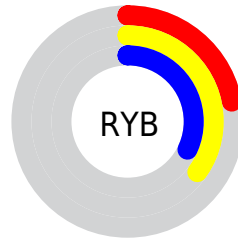
Distribution



Red (24%)

Green (35%)

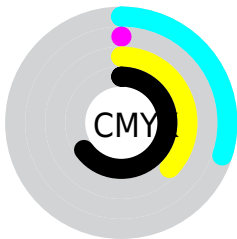
Blue (22%)



Red (22%)

Yellow (35%)

Blue (32%)

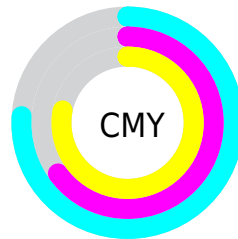


Cyan (30%)

Magenta (0%)

Yellow (37%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5837 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 3E5837 by changing the saturation by 10% instead.

■ 3E5837

■ 3E5837

FFFFFF

■ 274121

■ 6E8A66

■ 122A0C

■ 88A47F

■ 001700

■ A3C099

■ 000000

■ BEDBB4

■ DAF8D0

■ F6FFEC

■ 3E5837

■ 3E5837

■ 37582E

■ 455840

■ 305825

■ 4C5849

■ 29581D

■ 535851

■ 225814

■ 5A585A

■ 1B580B

■ 615863

■ 145802

■ 68586C

■ 135800

■ 6F5875

■ 75587D

■ 7C5886

Harmonies

Analogous

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



53532D



3E5837



255B48

Triad

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



3E5837



265675



764348

Complementary

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



3E5837



513758

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.



70445A



3E5837



475075

Square

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



3E5837



005A6C



60496B



714737

Rectangle

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



3E5837



105B55



60496B



75434E

Sweetspot

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



3E5837



697366



585137



353B33



BABABA



3B3B3B

Same Dimension

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



3E5837



4A733F



375840



282B27



176B00



32EB00

Inverse Universe

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



513758



683F73



58374F



2A272B



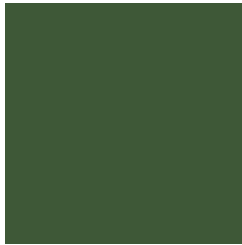
54006B



B900EB

Previews

White Background



This preview shows how the Hex color 3E5837 looks on a white background.

Color Contrast Check

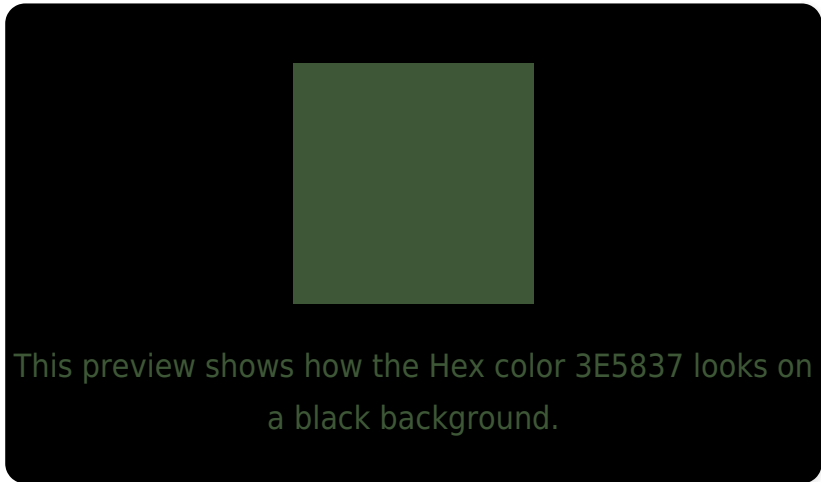
Large Text (above 18pt) WCAG AA ✓ Pass

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

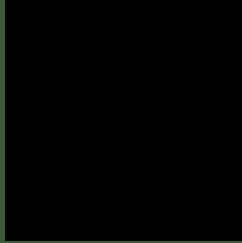
Any Text WCAG AA × Fail

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 3E5837 Background



This preview shows how black text looks on a background with the Hex color 3E5837.



This preview shows how white text looks on a background with the Hex color 3E5837.

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](#).

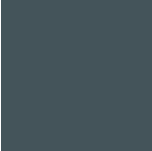
Dichromacy



Original Color
3E5837

Protanopia
585134

Deuteranopia
604E39



Tritanopia
44545A

Trichromacy



Original Color
3E5837

Protanomaly
4F5435

Deuteranomaly
545238

Tritanomaly
42554D

Monochromacy



Original Color
3E5837

Achromatopsia
4C4C4C

Achromatomaly
475044

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5837 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 #3E5837 looks like.

```
.text, #text, p{  
    color:#3E5837  
}
```

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 #3E5837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5837
}
```

Border

The CSS property to change the border of an element to Hex 3E5837 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
#3E5837 }
```

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

```
.border{ border-color:#3E5837 }
```

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

Here you see how a box with a 4 pixel #3E5837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5837; -webkit-box-shadow:4px 4px  
4px 4px #3E5837; box-shadow:4px 4px 4px  
4px #3E5837 }
```

Background

The CSS property to change the background color of an element to Hex 3E5837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5837 }
```

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

```
.background{ background-color:#3E5837 }
```

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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