

Converting Colors

Hex(3E5940)

Have a look what the booklet for
Hex(3E5940) contains.

Hex(3E5940)	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(3E5940)

Conversions

Conversions Part 1

Format	Color
Hex	3E5940
RGB	62, 89, 64
RGB Percent	24%, 35%, 25%
CMY	0.7569, 0.6510, 0.7490
CMYK	0.30, 0.00, 0.28, 0.65
HSL	124°, 18%, 30%
HSV	124°, 30%, 35%
XYZ	6.4844, 8.5391, 6.1569
YIQ	78.0770, -8.0670, -13.4990

Conversions

Conversions Part 2

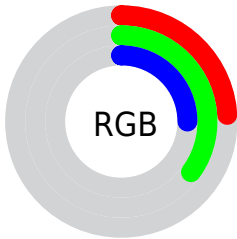
Format	Color
RYB	62, 87, 89
Decimal	4086080
CIELab	35.08, -15.87, 11.31
CIELCh	35, 19.487, 144.537
Yxy	8.5391, 0.3062, 0.4032
Android (android.graphics.Color)	4282276160 (0xFF3E5940)
YUV	78.0770, -6.9400, -14.0995
Hunter-Lab	29.2217, -11.5281, 7.9629

Details

The Hex color **3E5940** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **593E57**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6E8B70**, and **122B15** is the 20% darker color. If you saturate the color by 10%, you get **355938**, and if you desaturate by 10%, it is **475948**.

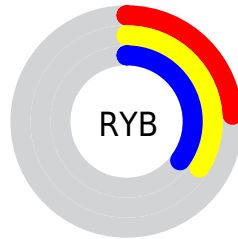
Distribution



 Red (24%)

 Green (35%)

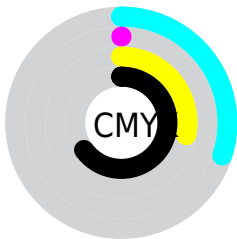
 Blue (25%)



 Red (24%)

 Yellow (34%)

 Blue (35%)

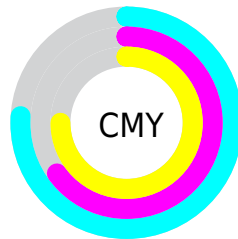


 Cyan (30%)


 Magenta (0%)

 Yellow (28%)

 Black (65%)



 Cyan (76%)

 Magenta (65%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E5940 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 3E5940 by changing the saturation by 10% instead.

 3E5940

 3E5940

FFFFFF

 27412A

 6E8B70

 122B15

 88A689

 001800

 A2C1A4

 000000

 BEDDBF

 DAF9DB

 F6FFF7

 3E5940

 3E5940

 355938

 475948

■ 2C5930

■ 505950

■ 235927

■ 595959

■ 1A591F

■ 625961

■ 125917

■ 6A5969

■ 09590F

■ 735971

■ 005907

■ 7C597A

■ 855982

■ 8E598A

Harmonies

Analogous

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



505536



3E5940



2C5B4F

Triad

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



3E5940



395571



714746

Complementary

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



3E5940



593E57

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.



6F4756



3E5940



51506F

Square

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



3E5940



23596B



644A65



6C4B3A

Rectangle

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



3E5940



215B5A



644A65



71474B

Sweetspot

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



3E5940



687369



57593E



343B35



BABABA



3B3B3B

Same Dimension

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



3E5940



49734D



3E594D



272B27



006B08



00EB11

Inverse Universe

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



593E57



734970



593E4A



2B272B



6B0063



EB00D9

Previews

White Background



This preview shows how the Hex color 3E5940 looks on a white background.

Color Contrast Check

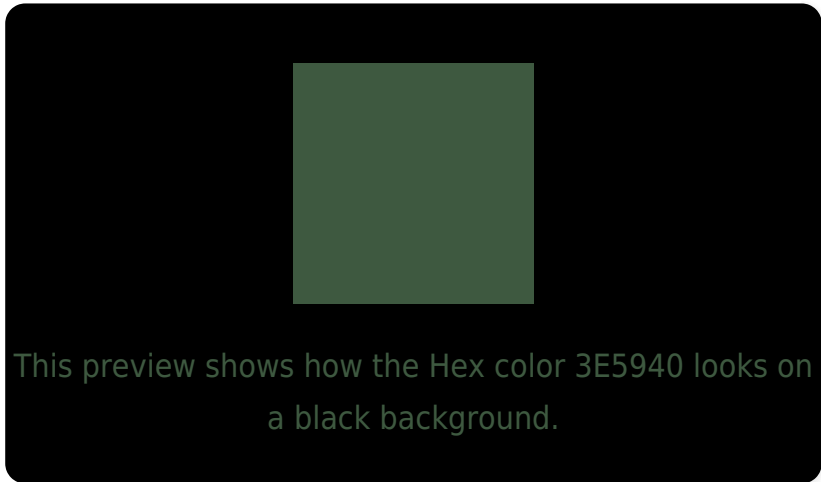
Large Text (above 18pt) WCAG AA ✓ Pass

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

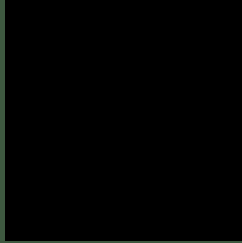
Any Text WCAG AA × Fail

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 3E5940 Background



This preview shows how black text looks on a background with the Hex color 3E5940.



This preview shows how white text looks on a background with the Hex color 3E5940.

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](#).

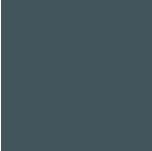
Dichromacy



Original Color
3E5940

Protanopia
58523D

Deuteranopia
604F42



Tritanopia
43555C

Trichromacy



Original Color
3E5940

Protanomaly
4F553E

Deuteranomaly
545341

Tritanomaly
415652

Monochromacy



Original Color
3E5940

Achromatopsia
4E4E4E

Achromatomaly
485249

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E5940 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 #3E5940 looks like.

```
.text, #text, p{  
    color:#3E5940  
}
```

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 #3E5940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E5940
}
```

Border

The CSS property to change the border of an element to Hex 3E5940 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".

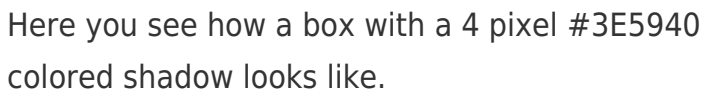
```
.border, #border, table{ border:4px solid
#3E5940 }
```

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

```
.border{ border-color:#3E5940 }
```

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

Here you see how a box with a 4 pixel #3E5940 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E5940; -webkit-box-shadow:4px 4px  
4px 4px #3E5940; box-shadow:4px 4px 4px  
4px #3E5940 }
```

Background

The CSS property to change the background color of an element to Hex 3E5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E5940 }
```

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

```
.background{ background-color:#3E5940 }
```

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