

Converting Colors

Hex(3E8940)

Have a look what the booklet for
Hex(3E8940) contains.

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Color

Hex(3E8940)

Conversions

Conversions Part 1

Format	Color
Hex	3E8940
RGB	62, 137, 64
RGB Percent	24%, 54%, 25%
CMY	0.7569, 0.4627, 0.7490
CMYK	0.55, 0.00, 0.53, 0.46
HSL	122°, 38%, 39%
HSV	122°, 55%, 54%
XYZ	11.8577, 19.2856, 7.9480
YIQ	106.2530, -21.2670, -38.6030

Conversions

Conversions Part 2

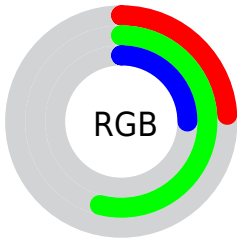
Format	Color
RYB	62, 135, 137
Decimal	4098368
CIELab	51.02, -39.04, 31.97
CIELCh	51, 50.458, 140.690
Yxy	19.2856, 0.3033, 0.4933
Android (android.graphics.Color)	4282288448 (0xFF3E8940)
YUV	106.2530, -20.8307, -38.8099
Hunter-Lab	43.9154, -28.6548, 20.0102

Details

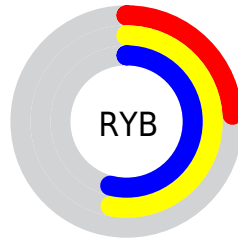
The Hex color **3E8940** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **893E87**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **74BF72**, and **005610** is the 20% darker color. If you saturate the color by 10%, you get **308933**, and if you desaturate by 10%, it is **4C894D**.

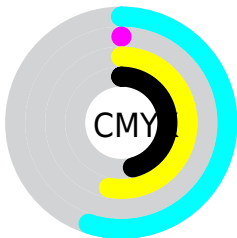
Distribution



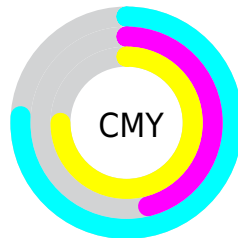
- Red (24%)
- Green (54%)
- Blue (25%)



- Red (24%)
- Yellow (53%)
- Blue (54%)



- Cyan (55%)
- Magenta (0%)
- Yellow (53%)
- Black (46%)



- Cyan (76%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8940 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 3E8940 by changing the saturation by 10% instead.



3E8940



3E8940

FFFFFF



216F28



74BF72



005610



8FDB8B



003E00



ABF8A6



002900



C7FFC2



000700



E4FFDE



000000

FFFFFFB



3E8940



3E8940



308933



4C894D

 238925

 59895B

 158918

 678968

 07890B

 758975

 008904

 838983

 908990

 9E899D

 AC89AB

 B989B8

Harmonies

Analogous

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



738021



3E8940



008D6A

Triad

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



3E8940



0082CE



C8535E

Complementary

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



3E8940



893E87

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.



C15389



3E8940



6274CA

Square

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



3E8940



008BBB



A161B1



B96238

Rectangle

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



3E8940



008E88



A161B1



C8516C

Sweetspot

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



3E8940



96B397



88893E



485949



D9D9D9



595959

Same Dimension

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



3E8940



3DB340



3E8965



3E453E



008504



000500

Inverse Universe

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



893E87



B33DAF



893E62



453E45



850081



050005

Previews

White Background



This preview shows how the Hex color 3E8940 looks on a white background.

Color Contrast Check

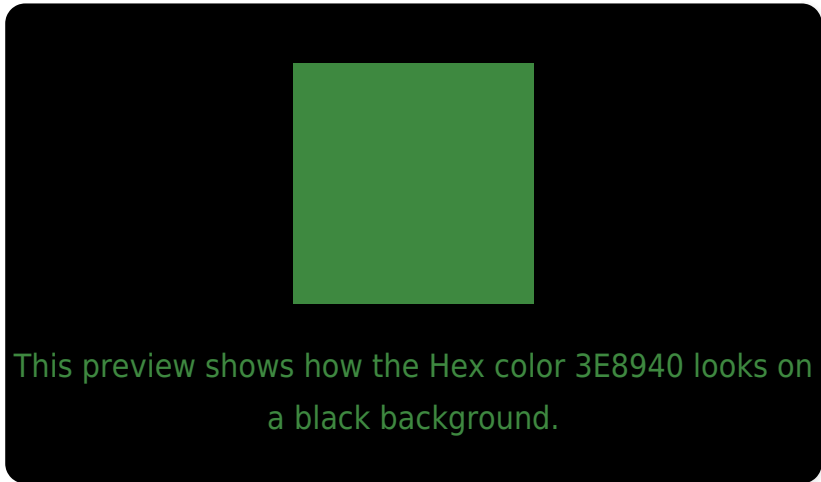
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

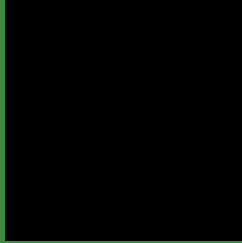
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3E8940 Background



This preview shows how black text looks on a background with the Hex color 3E8940.



This preview shows how white text looks on a background with the Hex color 3E8940.

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





Tritanopia
4F818B

Trichromacy



Original Color
3E8940

Protanomaly
6C7F3D

Deuteranomaly
747B44

Tritanomaly
498470

Monochromacy



Original Color
3E8940

Achromatopsia
6A6A6A

Achromatomaly
5A755B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8940 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 #3E8940 looks like.

```
.text, #text, p{  
    color:#3E8940  
}
```

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 #3E8940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8940
}
```

Border

The CSS property to change the border of an element to Hex 3E8940 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
#3E8940 }
```

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

```
.border{ border-color:#3E8940 }
```

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

Here you see how a box with a 4 pixel #3E8940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8940; -webkit-box-shadow:4px 4px  
4px 4px #3E8940; box-shadow:4px 4px 4px  
4px #3E8940 }
```

Background

The CSS property to change the background color of an element to Hex 3E8940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8940 }
```

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

```
.background{ background-color:#3E8940 }
```

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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