

# Converting Colors

Hex(3E8146)

Have a look what the booklet for  
Hex(3E8146) contains.

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# Color

Hex(3E8146)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E8146
RGB	62, 129, 70
RGB Percent	24%, 51%, 27%
CMY	0.7569, 0.4941, 0.7255
CMYK	0.52, 0.00, 0.46, 0.49
HSL	127°, 35%, 37%
HSV	127°, 52%, 51%
XYZ	10.9424, 17.1668, 8.5312
YIQ	102.2410, -20.9930, -32.5530

# Conversions

## Conversions Part 2

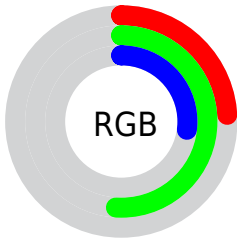
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 122, 129
Decimal	4096326
CIELab	48.47, -34.65, 25.57
CIELCh	48, 43.065, 143.571
Yxy	17.1668, 0.2986, 0.4685
Android (android.graphics.Color)	4282286406 (0xFF3E8146)
YUV	102.2410, -15.8948, -35.2914
Hunter-Lab	41.4329, -25.3660, 16.7950

# Details

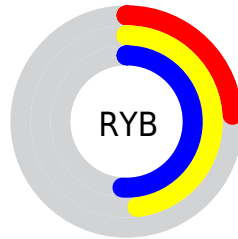
The Hex color **3E8146** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **813E79**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **73B677**, and **004F18** is the 20% darker color. If you saturate the color by 10%, you get **31813B**, and if you desaturate by 10%, it is **4B8151**.

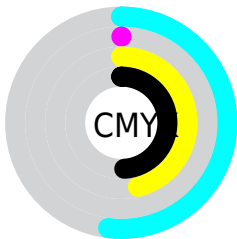
# Distribution



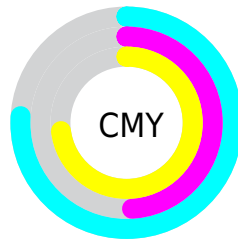
- Red (24%)
- Green (51%)
- Blue (27%)



- Red (24%)
- Yellow (48%)
- Blue (51%)



- Cyan (52%)
- Magenta (0%)
- Yellow (46%)
- Black (49%)



- Cyan (76%)
- Magenta (49%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E8146 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 3E8146 by changing the saturation by 10% instead.



 3E8146

 3E8146

FFFFFF

 23672F

 73B677

 004F18

 8DD291

 003700

 A9EFAC

 002300


 C5FFC7

 000000

 E2FFE4

 3E8146

 3E8146

 31813B

 4B8151

 24812F

 58815D

■ 178124

■ 658168

■ 0A8119

■ 728173

■ 00810F

■ 7F817F

■ 8B818A

■ 988196

■ A581A1

■ B281AC

# Harmonies

## Analogous

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



6B7A2C



3E8146



00856A

# Triad

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



3E8146



0079BB



B65558

# Complementary

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



3E8146



813E79

# 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.



B2547D



3E8146



686DB6

# Square

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



3E8146



0081AD



985E9F



A96139

# Rectangle

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



3E8146



008583



985E9F



B75364



# Sweetspot

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



3E8146



8DA891



79813E



445446



D4D4D4



545454



# Same Dimension

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



3E8146



40A84C



3E8167



39403A



00800F



000000



# Inverse Universe

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



813E79



A8409C



813E58



40393F



800070



000000



# Previews

## White Background



This preview shows how the Hex color 3E8146 looks on a white background.

## Color Contrast Check

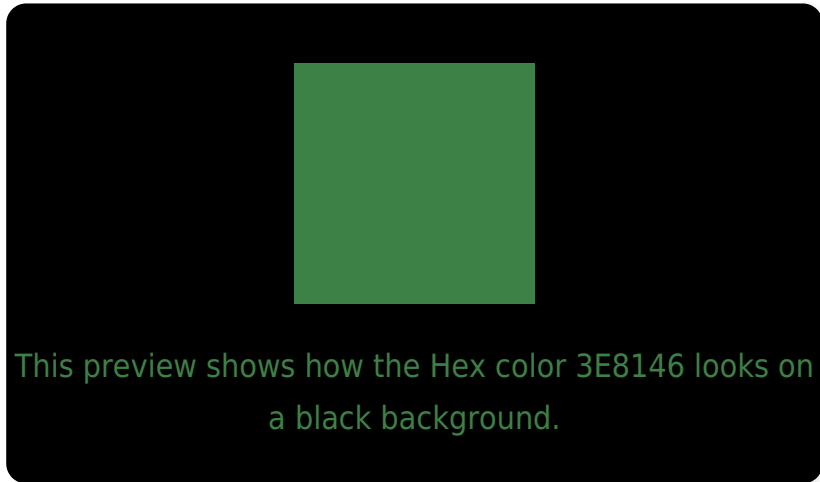
Large Text (above 18pt) WCAG AA ✓ Pass

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

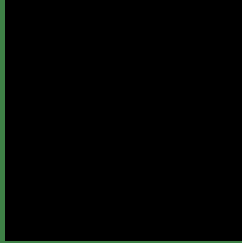
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E8146 Background



This preview shows how black text looks on a background with the Hex color 3E8146.



This preview shows how white text looks on a background with the Hex color 3E8146.

# 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**  
3E8146

**Protanopia**  
7E7341

**Deuteranopia**  
8A6D4B



**Tritanopia**  
4C7A84

# Trichromacy



**Original Color**  
3E8146



**Protanomaly**  
677843



**Deuteranomaly**  
6E7449



**Tritanomaly**  
477D6D

# Monochromacy



**Original Color**  
3E8146



**Achromatopsia**  
666666



**Achromatomaly**  
57705A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E8146 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 #3E8146 looks like.

```
.text, #text, p{  
    color:#3E8146  
}
```

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 #3E8146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8146
}
```

## Border

The CSS property to change the border of an element to Hex 3E8146 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
#3E8146 }
```

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

```
.border{ border-color:#3E8146 }
```

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

Here you see how a box with a 4 pixel #3E8146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8146; -webkit-box-shadow:4px 4px  
4px 4px #3E8146; box-shadow:4px 4px 4px  
4px #3E8146 }
```

# Background

The CSS property to change the background color of an element to Hex 3E8146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8146 }
```

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

```
.background{ background-color:#3E8146 }
```

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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