

Converting Colors

Hex(3E8545)

Have a look what the booklet for
Hex(3E8545) contains.

Hex(3E8545)	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(3E8545)

Conversions

Conversions Part 1

Format	Color
Hex	3E8545
RGB	62, 133, 69
RGB Percent	24%, 52%, 27%
CMY	0.7569, 0.4784, 0.7294
CMYK	0.53, 0.00, 0.48, 0.48
HSL	126°, 36%, 38%
HSV	126°, 53%, 52%
XYZ	11.4483, 18.2289, 8.5454
YIQ	104.4750, -21.7720, -34.9560

Conversions

Conversions Part 2

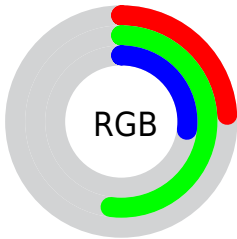
Format	Color
RYB	62, 127, 133
Decimal	4097349
CIELab	49.77, -36.57, 27.77
CIELCh	50, 45.923, 142.789
Yxy	18.2289, 0.2995, 0.4769
Android (android.graphics.Color)	4282287429 (0xFF3E8545)
YUV	104.4750, -17.4892, -37.2506
Hunter-Lab	42.6953, -26.8537, 18.0199

Details

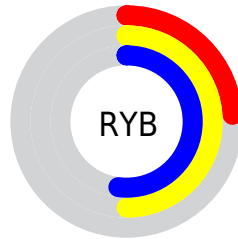
The Hex color **3E8545** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **853E7E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **73BB76**, and **005217** is the 20% darker color. If you saturate the color by 10%, you get **318539**, and if you desaturate by 10%, it is **4B8551**.

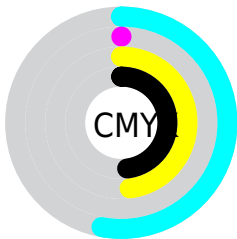
Distribution



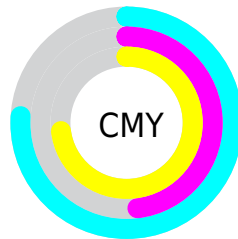
- Red (24%)
- Green (52%)
- Blue (27%)



- Red (24%)
- Yellow (50%)
- Blue (52%)



- Cyan (53%)
- Magenta (0%)
- Yellow (48%)
- Black (48%)



- Cyan (76%)
- Magenta (48%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8545 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 3E8545 by changing the saturation by 10% instead.

 3E8545

 3E8545

FFFFFF

 226B2E


 73BB76

 005217

 8ED790

 003B00

 AAF3AB

 002600


 C6FFC7

 000000

 E3FFE3

 3E8545

 3E8545

 318539

 4B8551

 23852D

 59855D

■ 168521

■ 668569

■ 098515

■ 738575

■ 00850D

■ 818581

■ 8E858D

■ 9B8599

■ A885A5

■ B685B1

Harmonies

Analogous

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



6F7D29



3E8545



00896B

Triad

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



3E8545



007DC4



BE565A

Complementary

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



3E8545



853E7E

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.



B95481



3E8545



6870BE

Square

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



3E8545



0086B4



9D60A6



B06239

Rectangle

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



3E8545



008A86



9D60A6



BE5367

Sweetspot

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



3E8545



92AD94



7F853E



465748



D6D6D6



575757

Same Dimension

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



3E8545



3EAD49



3E8567



3C423C



00820D



000300

Inverse Universe

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



853E7E



AD3EA2



853E5C



423C42



820075



030002

Previews

White Background



This preview shows how the Hex color 3E8545 looks on a white background.

Color Contrast Check

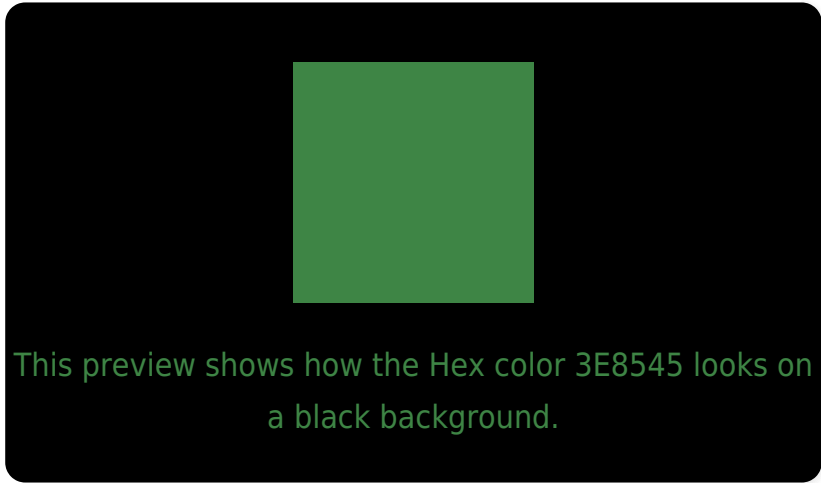
Large Text (above 18pt) WCAG AA ✓ Pass

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

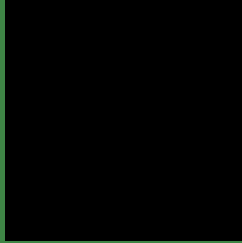
Any Text WCAG AA ✓ Pass

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 3E8545 Background



This preview shows how black text looks on a background with the Hex color 3E8545.

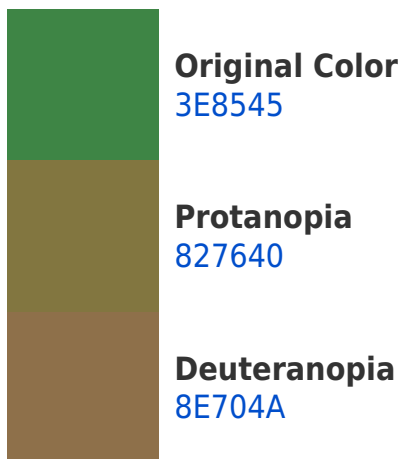


This preview shows how white text looks on a background with the Hex color 3E8545.

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
4E7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8545 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 #3E8545 looks like.

```
.text, #text, p{  
    color:#3E8545  
}
```

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 #3E8545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8545
}
```

Border

The CSS property to change the border of an element to Hex 3E8545 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".

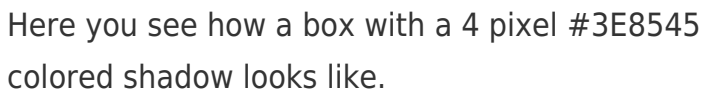
```
.border, #border, table{ border:4px solid
#3E8545 }
```

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

```
.border{ border-color:#3E8545 }
```

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

Here you see how a box with a 4 pixel #3E8545 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8545; -webkit-box-shadow:4px 4px  
4px 4px #3E8545; box-shadow:4px 4px 4px  
4px #3E8545 }
```

Background

The CSS property to change the background color of an element to Hex 3E8545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8545 }
```

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

```
.background{ background-color:#3E8545 }
```

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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