

Converting Colors

Hex(3E8159)

Have a look what the booklet for
Hex(3E8159) contains.

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Color

Hex(3E8159)

Conversions

Conversions Part 1

Format	Color
Hex	3E8159
RGB	62, 129, 89
RGB Percent	24%, 51%, 35%
CMY	0.7569, 0.4941, 0.6510
CMYK	0.52, 0.00, 0.31, 0.49
HSL	144°, 35%, 37%
HSV	144°, 52%, 51%
XYZ	11.6400, 17.4459, 12.2051
YIQ	104.4070, -27.0920, -26.6440

Conversions

Conversions Part 2

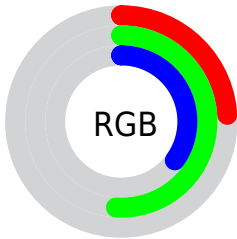
Format	Color
RYB	62, 110, 129
Decimal	4096345
CIELab	48.82, -31.08, 15.32
CIElCh	49, 34.655, 153.762
Yxy	17.4459, 0.2819, 0.4225
Android (android.graphics.Color)	4282286425 (0xFF3E8159)
YUV	104.4070, -7.5957, -37.1909
Hunter-Lab	41.7683, -23.3500, 11.9127

Details

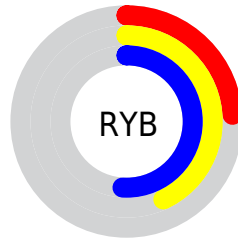
The Hex color **3E8159** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **813E66**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **72B68B**, and **014F2B** is the 20% darker color. If you saturate the color by 10%, you get **318151**, and if you desaturate by 10%, it is **4B8161**.

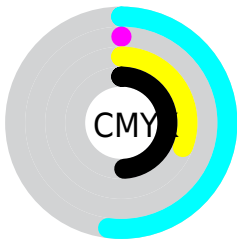
Distribution



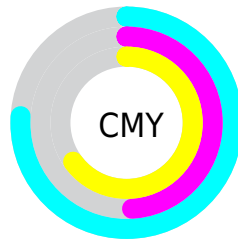
- Red (24%)
- Green (51%)
- Blue (35%)



- Red (24%)
- Yellow (43%)
- Blue (51%)



- Cyan (52%)
- Magenta (0%)
- Yellow (31%)
- Black (49%)



- Cyan (76%)
- Magenta (49%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8159 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 3E8159 by changing the saturation by 10% instead.



3E8159



3E8159

FFFFFF



236841



72B68B



014F2B



8DD2A6



003716



A8EFC1



002300



C4FFDD



000000



E1FFF9

FEFFFF



3E8159



3E8159



318151



4B8161

■ 24814A

■ 588168

■ 178142

■ 658170

■ 0A813A

■ 728178

■ 008134

■ 7F8180

■ 8B8187

■ 98818F

■ A58197

■ B2819E

Harmonies

Analogous

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



647C42



3E8159



008377

Triad

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



3E8159



4B76AE



AA6055

Complementary

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



3E8159



813E66

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.



AB5C71



3E8159



7B6BA5

Square

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



3E8159



007EA8



9B618E



9B6940

Rectangle

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



3E8159



00838B



9B618E



AC5E5E

Sweetspot

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



3E8159



8DA898



66813E



44544B



D4D4D4



545454

Same Dimension

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



3E8159



40A86A



3E817A



39403C



008033



000000

Inverse Universe

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



813E66



A8407E



813E45



40393D



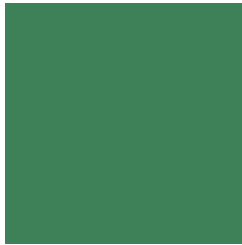
80004C



000000

Previews

White Background



This preview shows how the Hex color 3E8159 looks on a white background.

Color Contrast Check

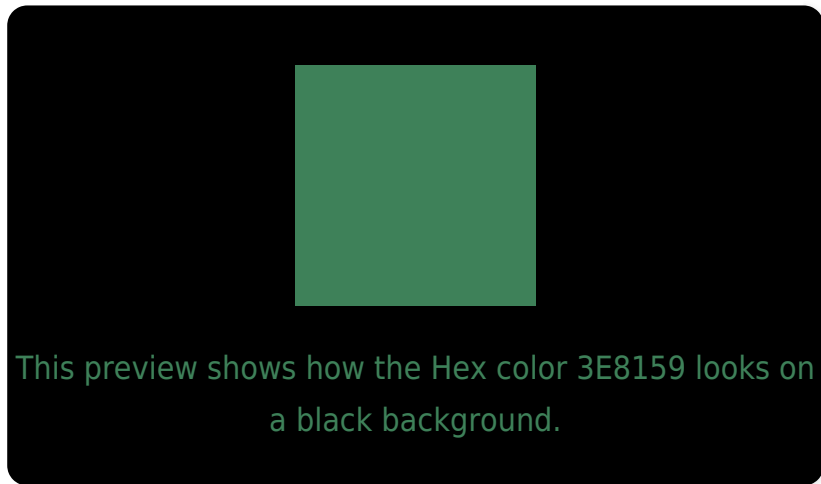
Large Text (above 18pt) WCAG AA ✓ Pass

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

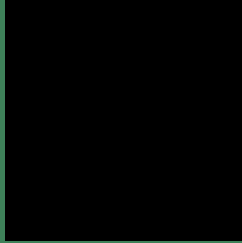
Any Text WCAG AA × Fail

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 3E8159 Background



This preview shows how black text looks on a background with the Hex color 3E8159.



This preview shows how white text looks on a background with the Hex color 3E8159.

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
4A7B85

Trichromacy



Original Color
3E8159

Protanomaly
657855

Deuteranomaly
6C765C

Tritanomaly
467D75

Monochromacy



Original Color
3E8159

Achromatopsia
686868

Achromatomaly
597163

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8159 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 #3E8159 looks like.

```
.text, #text, p{  
    color:#3E8159  
}
```

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 #3E8159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8159
}
```

Border

The CSS property to change the border of an element to Hex 3E8159 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
#3E8159 }
```

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

```
.border{ border-color:#3E8159 }
```

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

Here you see how a box with a 4 pixel #3E8159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8159; -webkit-box-shadow:4px 4px  
4px 4px #3E8159; box-shadow:4px 4px 4px  
4px #3E8159 }
```

Background

The CSS property to change the background color of an element to Hex 3E8159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8159 }
```

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

```
.background{ background-color:#3E8159 }
```

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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