

Converting Colors

Hex(3E8158)

Have a look what the booklet for
Hex(3E8158) contains.

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Color

Hex(3E8158)

Conversions

Conversions Part 1

Format	Color
Hex	3E8158
RGB	62, 129, 88
RGB Percent	24%, 51%, 35%
CMY	0.7569, 0.4941, 0.6549
CMYK	0.52, 0.00, 0.32, 0.49
HSL	143°, 35%, 37%
HSV	143°, 52%, 51%
XYZ	11.5983, 17.4292, 11.9854
YIQ	104.2930, -26.7710, -26.9550

Conversions

Conversions Part 2

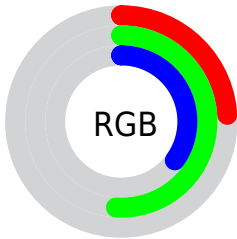
Format	Color
R _{YB}	62, 110, 129
Decimal	4096344
CIE _{Lab}	48.80, -31.29, 15.87
CIE _{LCh}	49, 35.086, 153.112
Yxy	17.4292, 0.2828, 0.4250
Android (android.graphics.Color)	4282286424 (0xFF3E8158)
YUV	104.2930, -8.0324, -37.0910
Hunter-Lab	41.7483, -23.4696, 12.2024

Details

The Hex color **3E8158** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **813E67**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **72B68A**, and **014F2A** is the 20% darker color. If you saturate the color by 10%, you get **318150**, and if you desaturate by 10%, it is **4B8160**.

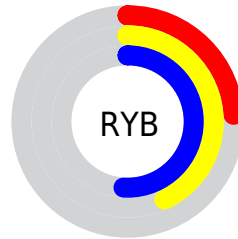
Distribution



Red (24%)

Green (51%)

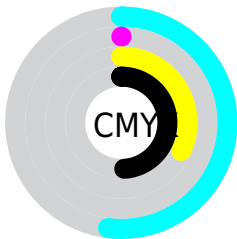
Blue (35%)



Red (24%)

Yellow (43%)

Blue (51%)

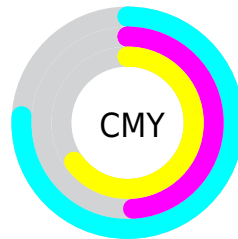


Cyan (52%)

Magenta (0%)

Yellow (32%)

Black (49%)



Cyan (76%)

Magenta (49%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8158 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 3E8158 by changing the saturation by 10% instead.



3E8158



3E8158

FFFFFF



236840



72B68A



014F2A



8DD2A5



003715



A8EFC0



002300



C4FFDC



000000



E1FFF8

FEFFFF



3E8158



3E8158



318150



4B8160

■ 248148

■ 588168

■ 178140

■ 658170

■ 0A8138

■ 728178

■ 008132

■ 7F817F

■ 8B8187

■ 98818F

■ A58197

■ B2819F

Harmonies

Analogous

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



647C41



3E8158



008376

Triad

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



3E8158



4876AF



AA5F55

Complementary

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



3E8158



813E67

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.



AB5B72



3E8158



7B6BA6

Square

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



3E8158



007EA8



9B608F



9C693F

Rectangle

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



3E8158



00838A



9B608F



AC5D5E

Sweetspot

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



3E8158



8DA898



67813E



44544A



D4D4D4



545454

Same Dimension

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



3E8158



40A868



3E8179



39403C



008031



000000

Inverse Universe

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



813E67



A84080



813E46



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 3E8158 looks on a white background.

Color Contrast Check

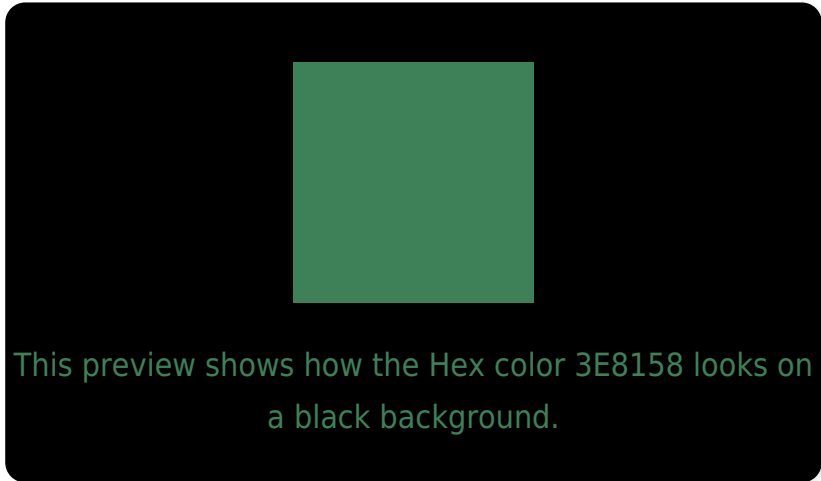
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E8158 Background



This preview shows how black text looks on a background with the Hex color 3E8158.



This preview shows how white text looks on a background with the Hex color 3E8158.

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
3E8158

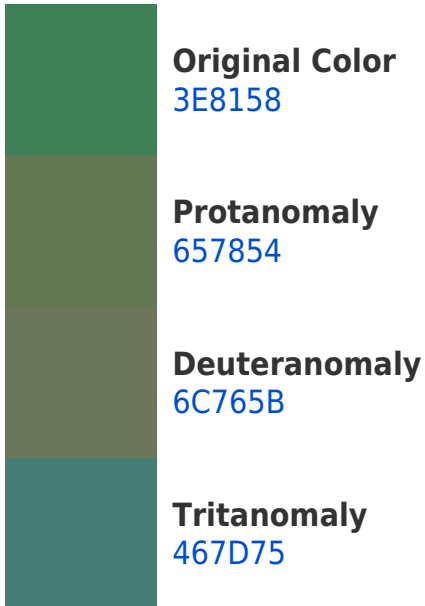
Protanopia
7C7352

Deuteranopia
866F5C

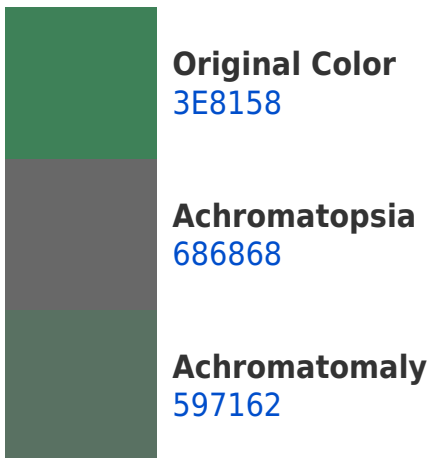


Tritanopia
4A7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8158 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 #3E8158 looks like.

```
.text, #text, p{  
    color:#3E8158  
}
```

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 #3E8158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8158  
}
```

Border

The CSS property to change the border of an element to Hex 3E8158 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  
#3E8158 }
```

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

```
.border{ border-color:#3E8158 }
```

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

Here you see how a box with a 4 pixel #3E8158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8158; -webkit-box-shadow:4px 4px  
4px 4px #3E8158; box-shadow:4px 4px 4px  
4px #3E8158 }
```

Background

The CSS property to change the background color of an element to Hex 3E8158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8158 }
```

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

```
.background{ background-color:#3E8158 }
```

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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