

# Converting Colors

Hex(5F803E)

Have a look what the booklet for  
Hex(5F803E) contains.

<b>Hex(5F803E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5F803E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F803E
RGB	95, 128, 62
RGB Percent	37%, 50%, 24%
CMY	0.6275, 0.4980, 0.7569
CMYK	0.26, 0.00, 0.52, 0.50
HSL	90°, 35%, 37%
HSV	90°, 52%, 50%
XYZ	13.3080, 18.2190, 7.3726
YIQ	110.6090, 1.5180, -27.5220

# Conversions

## Conversions Part 2

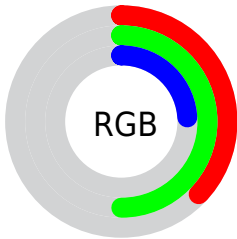
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 128, 95
Decimal	6258750
CIELab	49.76, -23.82, 31.86
CIELCh	50, 39.781, 126.778
Yxy	18.2190, 0.3421, 0.4684
Android (android.graphics.Color)	4284448830 (0xFF5F803E)
YUV	110.6090, -23.9642, -13.6891
Hunter-Lab	42.6838, -19.0437, 19.6376

# Details

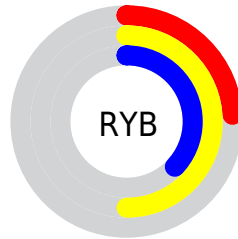
The Hex color **5F803E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5F3E80**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **93B56F**, and **2E4F0F** is the 20% darker color. If you saturate the color by 10%, you get **598031**, and if you desaturate by 10%, it is **65804B**.

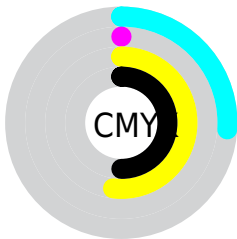
# Distribution



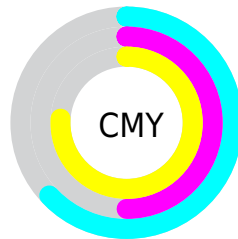
- Red (37%)
- Green (50%)
- Blue (24%)



- Red (24%)
- Yellow (50%)
- Blue (37%)



- Cyan (26%)
- Magenta (0%)
- Yellow (52%)
- Black (50%)



- Cyan (63%)
- Magenta (50%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F803E 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 5F803E by changing the saturation by 10% instead.





5F803E



5F803E

FFFFFF



466727



93B56F



2E4F0F



AED189



173700



CAEDA4



002200



E7FFBF



000000



FFFFDB



FFFFF8



5F803E



5F803E



598031



65804B

■ 528024

■ 6C8058

■ 4C8018

■ 728064

■ 45800B

■ 798071

■ 408000

■ 7F807E

■ 85808B

■ 8C8098

■ 9280A4

■ 9980B1

# Harmonies

## Analogous

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



837730



5F803E



2E855A

# Triad

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



5F803E



0081B4



B55970

# Complementary

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



5F803E



5F3E80

# 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.



A65E92



5F803E



4977B9

# Square

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



5F803E



00869E



836AAD



B25F50

# Rectangle

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



5F803E



008771



836AAD



B25A7B



# Sweetspot

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



5F803E



99A68D



805F3E



4D5445



D4D4D4



545454



# Same Dimension

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



5F803E



72A63F



3E803E



3D4039



408000



000000



# Inverse Universe

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



5F3E80



723FA6



803E80



3D3940



400080



000000



# Previews

## White Background



This preview shows how the Hex color 5F803E 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

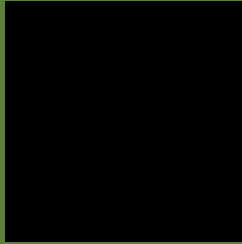
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F803E Background



This preview shows how black text looks on a background with the Hex color 5F803E.



This preview shows how white text looks on a background with the Hex color 5F803E.

# 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**  
5F803E

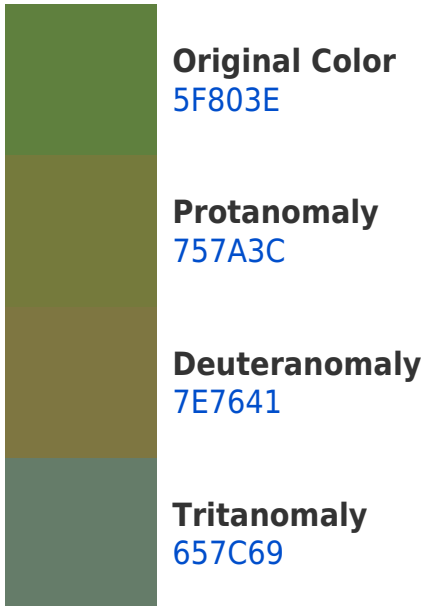
**Protanopia**  
82763B

**Deuteranopia**  
907142

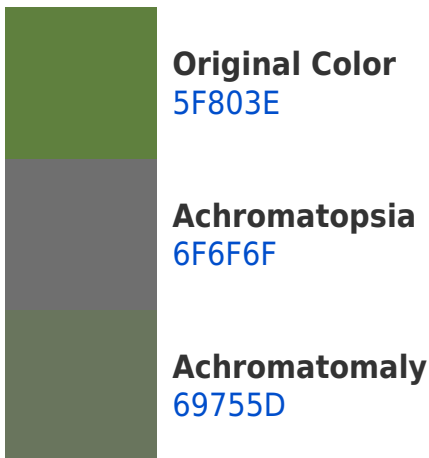


**Tritanopia**  
697982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F803E 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 #5F803E looks like.

```
.text, #text, p{  
    color:#5F803E  
}
```

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 #5F803E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F803E
}
```

## Border

The CSS property to change the border of an element to Hex 5F803E 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
#5F803E }
```

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

```
.border{ border-color:#5F803E }
```

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

Here you see how a box with a 4 pixel #5F803E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F803E; -webkit-box-shadow:4px 4px  
4px 4px #5F803E; box-shadow:4px 4px 4px  
4px #5F803E }
```

# Background

The CSS property to change the background color of an element to Hex 5F803E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F803E }
```

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

```
.background{ background-color:#5F803E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor