

# Converting Colors

Hex(51873E)

Have a look what the booklet for  
Hex(51873E) contains.

|  |    |
|--|----|
| <b>Hex(51873E)</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(51873E)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 51873E                      |
| RGB           | 81, 135, 62                 |
| RGB Percent   | 32%, 53%, 24%               |
| CMY           | 0.6824, 0.4706, 0.7569      |
| CMYK          | 0.40, 0.00, 0.54, 0.47      |
| HSL           | 104°, 37%, 39%              |
| HSV           | 104°, 54%, 53%              |
| XYZ           | 12.9268, 19.4251, 7.6255    |
| YIQ           | 110.5320, -8.7510, -34.1510 |

# Conversions

## Conversions Part 2

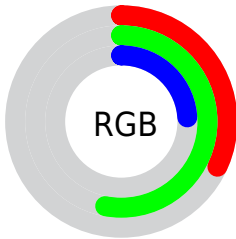
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 62, 135, 116                    |
| Decimal                             | 5343038                         |
| CIELab                              | 51.18, -32.44, 33.39            |
| CIElCh                              | 51, 46.555, 134.175             |
| Yxy                                 | 19.4251, 0.3234,<br>0.4859      |
| Android<br>(android.graphics.Color) | 4283533118<br>(0xFF51873E)      |
| YUV                                 | 110.5320, -23.9263,<br>-25.8996 |
| Hunter-Lab                          | 44.0739, -24.7755,<br>20.5935   |

# Details

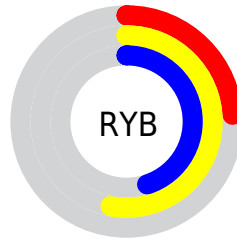
The Hex color **51873E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **743E87**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **85BD6F**, and **1D550E** is the 20% darker color. If you saturate the color by 10%, you get **478731**, and if you desaturate by 10%, it is **5B874C**.

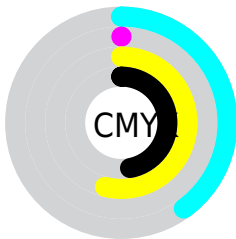
# Distribution



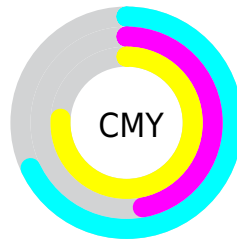
- Red (32%)
- Green (53%)
- Blue (24%)



- Red (24%)
- Yellow (53%)
- Blue (45%)



- Cyan (40%)
- Magenta (0%)
- Yellow (54%)
- Black (47%)




- Cyan (68%)
- Magenta (47%)
- Yellow (76%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 51873E 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 51873E by changing the saturation by 10% instead.



 51873E

 51873E

FFFFFF

 376D26

 85BD6F

 1D550E

 A1D989

 003D00

 BCF5A4

 002700


 D9FFC0

 000800

 F6FFDC

 000000

 FFFFF8

 51873E

 51873E

 478731

 5B874C

■ 3D8723

■ 658759

■ 338715

■ 6F8767

■ 298708

■ 798774

■ 238700

■ 838782

■ 8D878F

■ 97879C

■ A187AA

■ AB87B8

# Harmonies

## Analogous

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



7E7E27



51873E



008C63

# Triad

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



51873E



0084C6



C35769

# Complementary

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



51873E



743E87

# 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.



B85991



51873E



5578C7

# Square

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



51873E



008BB0



9568B3



BA6144

# Rectangle

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



51873E



008D7E



9568B3



C25676



# Sweetspot

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



51873E



9BB094



87743E



4D5948



D9D9D9



595959



# Same Dimension

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



51873E



5BB03E



3E874F



3D423C



228200



010300



# Inverse Universe

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



743E87



923EB0



873E76



413C42



600082



020003



# Previews

## White Background



This preview shows how the Hex color 51873E looks on a white background.

## Color Contrast Check

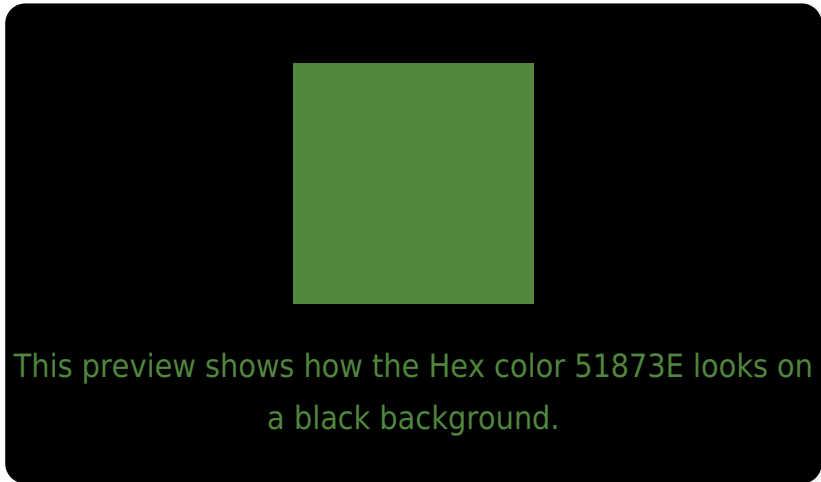
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 51873E Background



This preview shows how black text looks on a background with the Hex color 51873E.

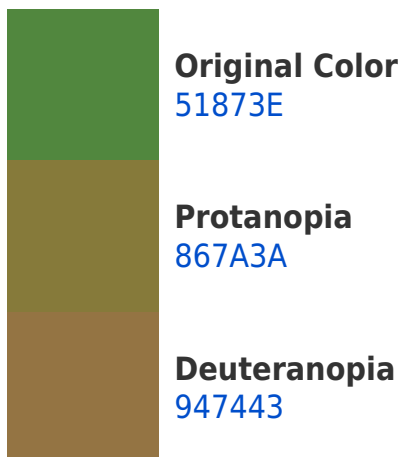


This preview shows how white text looks on a background with the Hex color 51873E.

# 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**  
5E7F89

# Trichromacy



**Original Color**  
51873E

**Protanomaly**  
737F3B

**Deuteranomaly**  
7C7B41

**Tritanomaly**  
59826E

# Monochromacy



**Original Color**  
51873E

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
64785D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51873E 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 #51873E looks like.

```
.text, #text, p{  
    color:#51873E  
}
```

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 #51873E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51873E
}
```

## Border

The CSS property to change the border of an element to Hex 51873E 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
#51873E }
```

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

```
.border{ border-color:#51873E }
```

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

Here you see how a box with a 4 pixel #51873E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51873E; -webkit-box-shadow:4px 4px  
4px 4px #51873E; box-shadow:4px 4px 4px  
4px #51873E }
```

# Background

The CSS property to change the background color of an element to Hex 51873E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51873E }
```

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

```
.background{ background-color:#51873E }
```

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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