

# Converting Colors

Hex(51803A)

Have a look what the booklet for  
Hex(51803A) contains.

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**Color**

**Hex(51803A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	51803A
RGB	81, 128, 58
RGB Percent	32%, 50%, 23%
CMY	0.6824, 0.4980, 0.7725
CMYK	0.37, 0.00, 0.55, 0.50
HSL	100°, 38%, 36%
HSV	100°, 55%, 50%
XYZ	11.8762, 17.4932, 6.7536
YIQ	105.9670, -5.5420, -31.7340

# Conversions

## Conversions Part 2

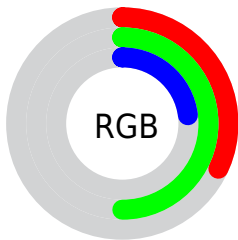
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 128, 105
Decimal	5341242
CIELab	48.88, -29.67, 32.69
CIElCh	49, 44.142, 132.230
Yxy	17.4932, 0.3288, 0.4843
Android (android.graphics.Color)	4283531322 (0xFF51803A)
YUV	105.9670, -23.6477, -21.8961
Hunter-Lab	41.8248, -22.5081, 19.7037

# Details

The Hex color **51803A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **693A80**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **85B56B**, and **1E4E0A** is the 20% darker color. If you saturate the color by 10%, you get **48802D**, and if you desaturate by 10%, it is **5A8047**.

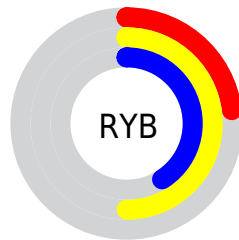
# Distribution



Red (32%)

Green (50%)

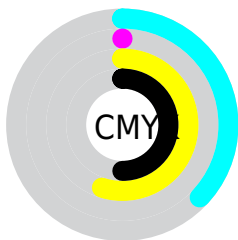
Blue (23%)



Red (23%)

Yellow (50%)

Blue (41%)

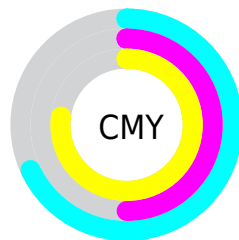


Cyan (37%)

Magenta (0%)

Yellow (55%)

Black (50%)



Cyan (68%)

Magenta (50%)


Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 51803A 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 51803A by changing the saturation by 10% instead.



 51803A

 51803A

FFFFFF

 386722

 85B56B

 1E4E0A

 A0D185

 053700

 BCED9F


 002300


 D8FFBB

 000000

 F5FFD7

 FFFFF3

 51803A

 51803A

 48802D

 5A8047

 408020

 628054

 378014

 6B8060

 2F8007

 73806D

 2A8000

 7C807A

 858087

 8D8094

 9680A0

 9E80AD

# Harmonies

## Analogous

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



7A7726



51803A



00855C

# Triad

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



51803A



007EBB



B95366

# Complementary

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



51803A



693A80

# 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.



AD568C



51803A



4C73BD

# Square

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



51803A



0085A5



8A64AC



B25C44

# Rectangle

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



51803A



008676



8A64AC



B85373



# Sweetspot

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



51803A



94A68B



80693A



495444



D4D4D4



545454



# Same Dimension

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



51803A



5CA638



3A8046



3B4039



2A8000



000000



# Inverse Universe

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



693A80



8238A6



803A74



3E3940



560080



000000



# Previews

## White Background



This preview shows how the Hex color 51803A looks on a white background.

## Color Contrast Check

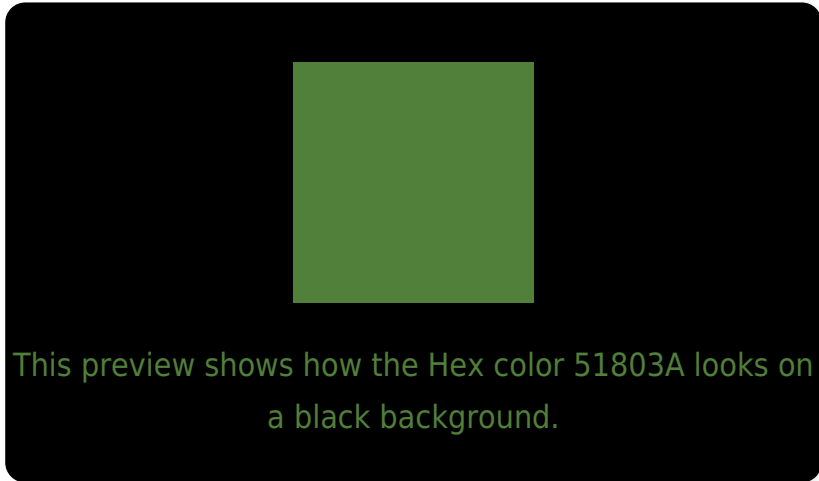
Large Text (above 18pt) WCAG AA ✓ Pass

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

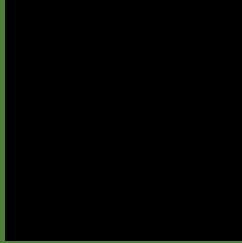
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 51803A Background



This preview shows how black text looks on a background with the Hex color 51803A.



This preview shows how white text looks on a background with the Hex color 51803A.

# 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**  
51803A

**Protanopia**  
807436

**Deuteranopia**  
8D6E3F



**Tritanopia**  
5D7882

# Trichromacy



**Original Color**  
51803A

**Protanomaly**  
6F7837

**Deuteranomaly**  
77753D

**Tritanomaly**  
597B68

# Monochromacy



**Original Color**  
51803A

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
617259

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51803A 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 #51803A looks like.

```
.text, #text, p{  
    color:#51803A  
}
```

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 #51803A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51803A
}
```

## Border

The CSS property to change the border of an element to Hex 51803A 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".

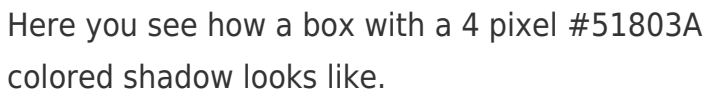
```
.border, #border, table{ border:4px solid
#51803A }
```

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

```
.border{ border-color:#51803A }
```

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

Here you see how a box with a 4 pixel #51803A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51803A; -webkit-box-shadow:4px 4px  
4px 4px #51803A; box-shadow:4px 4px 4px  
4px #51803A }
```

# Background

The CSS property to change the background color of an element to Hex 51803A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51803A }
```

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

```
.background{ background-color:#51803A }
```

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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