

# Converting Colors

Hex(54803B)

Have a look what the booklet for  
Hex(54803B) contains.

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**Color**

**Hex(54803B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	54803B
RGB	84, 128, 59
RGB Percent	33%, 50%, 23%
CMY	0.6706, 0.4980, 0.7686
CMYK	0.34, 0.00, 0.54, 0.50
HSL	98°, 37%, 37%
HSV	98°, 54%, 50%
XYZ	12.1647, 17.6389, 6.9012
YIQ	106.9780, -4.0750, -30.7870

# Conversions

## Conversions Part 2

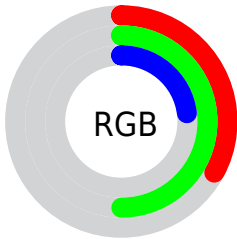
Format	Color
<b>RYB</b>	59, 128, 103
Decimal	5537851
CIELab	49.06, -28.43, 32.42
CIELCh	49, 43.125, 131.251
Yxy	17.6389, 0.3314, 0.4806
Android (android.graphics.Color)	4283727931 (0xFF54803B)
YUV	106.9780, -23.6532, -20.1517
Hunter-Lab	41.9987, -21.7960, 19.6566

# Details

The Hex color **54803B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **673B80**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **88B56C**, and **224E0B** is the 20% darker color. If you saturate the color by 10%, you get **4C802E**, and if you desaturate by 10%, it is **5C8048**.

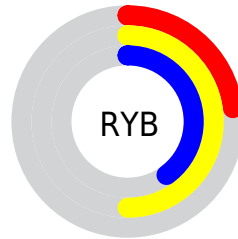
# Distribution



Red (33%)

Green (50%)

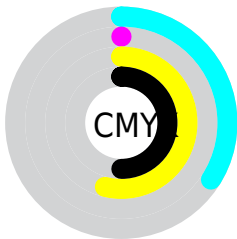
Blue (23%)



Red (23%)

Yellow (50%)

Blue (40%)

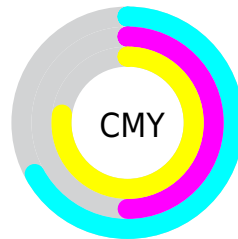


Cyan (34%)

Magenta (0%)

Yellow (54%)

Black (50%)



Cyan (67%)

Magenta (50%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54803B 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 54803B by changing the saturation by 10% instead.





54803B



54803B

FFFFFF



3B6723



88B56C



224E0B



A3D186



0A3700



BFEDA0



002200



DBFFBC



000000



F8FFD8



FFFFFF4



54803B



54803B



4C802E



5C8048

■ 448021

■ 648055

■ 3C8015

■ 6C8061

■ 338008

■ 75806E

■ 2E8000

■ 7D807B

■ 858088

■ 8D8095

■ 9580A1

■ 9D80AE

# Harmonies

## Analogous

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



7C7728



54803B



0B855C

# Triad

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



54803B



007FB9



B85468

# Complementary

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



54803B



673B80

# 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.



AC588D



54803B



4C74BC

# Square

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



54803B



0085A4



8965AC



B25D46

# Rectangle

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



54803B



008775



8965AC



B65475



# Sweetspot

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



54803B



95A68B



80673B



4A5444



D4D4D4



545454



# Same Dimension

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



54803B



61A63A



3B8044



3C4039



2E8000



000000



# Inverse Universe

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



673B80



7F3AA6



803B77



3D3940



510080



000000



# Previews

## White Background



This preview shows how the Hex color 54803B looks on a white background.

## Color Contrast Check

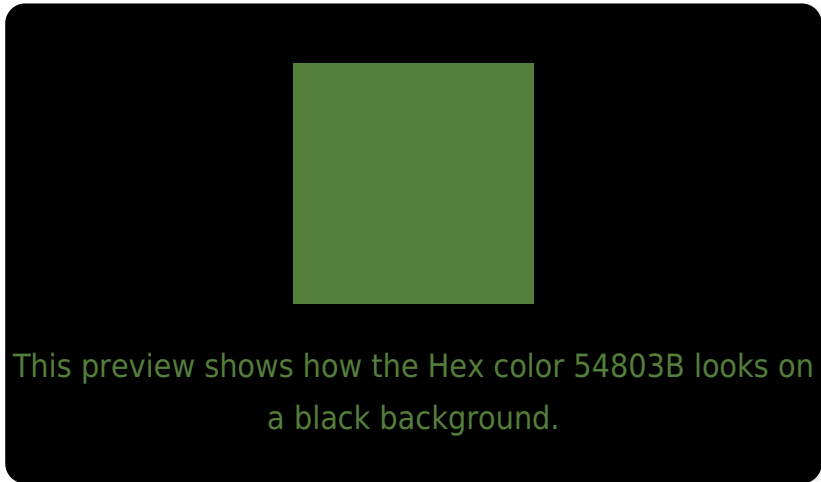
Large Text (above 18pt) WCAG AA ✓ Pass

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 54803B Background



This preview shows how black text looks on a background with the Hex color 54803B.



This preview shows how white text looks on a background with the Hex color 54803B.

# 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**  
54803B

**Protanopia**  
817437

**Deuteranopia**  
8E6F40



**Tritanopia**  
5F7882

# Trichromacy



**Original Color**  
54803B

**Protanomaly**  
717838

**Deuteranomaly**  
79753E

**Tritanomaly**  
5B7B68

# Monochromacy



**Original Color**  
54803B

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
63735A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54803B 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 #54803B looks like.

```
.text, #text, p{  
    color:#54803B  
}
```

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 #54803B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54803B
}
```

## Border

The CSS property to change the border of an element to Hex 54803B 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".

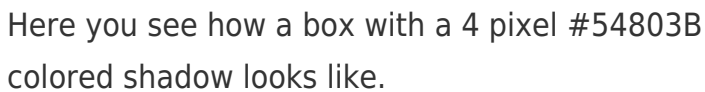
```
.border, #border, table{ border:4px solid
#54803B }
```

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

```
.border{ border-color:#54803B }
```

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

Here you see how a box with a 4 pixel #54803B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54803B; -webkit-box-shadow:4px 4px  
4px 4px #54803B; box-shadow:4px 4px 4px  
4px #54803B }
```

# Background

The CSS property to change the background color of an element to Hex 54803B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54803B }
```

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

```
.background{ background-color:#54803B }
```

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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