

# Converting Colors

Hex(54833C)

Have a look what the booklet for  
Hex(54833C) contains.

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# Color

Hex(54833C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	54833C
RGB	84, 131, 60
RGB Percent	33%, 51%, 24%
CMY	0.6706, 0.4863, 0.7647
CMYK	0.36, 0.00, 0.54, 0.49
HSL	100°, 37%, 37%
HSV	100°, 54%, 51%
XYZ	12.5881, 18.4437, 7.1715
YIQ	108.8530, -5.2210, -32.0450

# Conversions

## Conversions Part 2

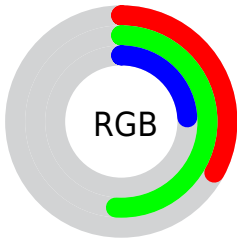
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 131, 107
Decimal	5538620
CIELab	50.03, -29.75, 33.08
CIElCh	50, 44.484, 131.967
Yxy	18.4437, 0.3295, 0.4828
Android (android.graphics.Color)	4283728700 (0xFF54833C)
YUV	108.8530, -24.0845, -21.7961
Hunter-Lab	42.9461, -22.8349, 20.1615

# Details

The Hex color **54833C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6B3C83**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **88B86D**, and **21510C** is the 20% darker color. If you saturate the color by 10%, you get **4B832F**, and if you desaturate by 10%, it is **5D8349**.

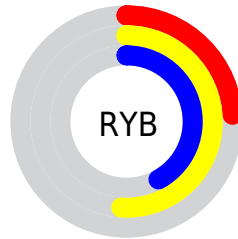
# Distribution



Red (33%)

Green (51%)

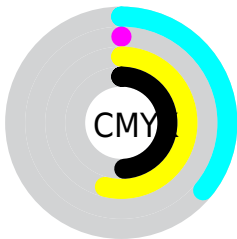
Blue (24%)



Red (24%)

Yellow (51%)

Blue (42%)

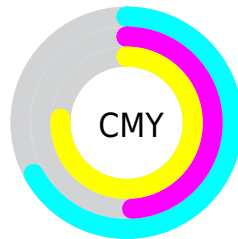


Cyan (36%)

Magenta (0%)

Yellow (54%)

Black (49%)



Cyan (67%)

Magenta (49%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54833C 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 54833C by changing the saturation by 10% instead.





54833C



54833C

FFFFFF



3B6A24



88B86D



21510C



A3D487



073A00



BFF1A2



002400



DBFFBD



000000



F8FFD9



FFFFFF6



54833C



54833C



4B832F



5D8349

■ 438322

■ 658356

■ 3A8315

■ 6E8363

■ 318308

■ 778370

■ 2C8300

■ 7F837E

■ 88838B

■ 918398

■ 9983A5

■ A283B2

# Harmonies

## Analogous

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



7E7A28



54833C



00885E

# Triad

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



54833C



0081BF



BD5669

# Complementary

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



54833C



6B3C83

# 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.



B0598F



54833C



4E76C1

# Square

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



54833C



0088A9



8D67B0



B65E46

# Rectangle

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



54833C



008A78



8D67B0



BB5576



# Sweetspot

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



54833C



99AB90



836A3C



4C5746



D6D6D6



575757



# Same Dimension

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



54833C



61AB3C



3C8347



3E423C



2C8200



010300



# Inverse Universe

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



6B3C83



853CAB



833C78



403C42



560082



020003



# Previews

## White Background



This preview shows how the Hex color 54833C looks on a white background.

## Color Contrast Check

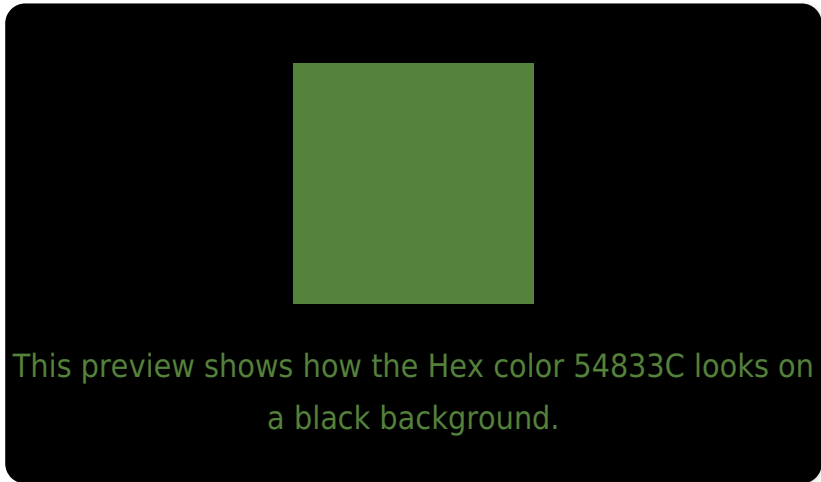
Large Text (above 18pt) WCAG AA ✓ Pass

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 54833C Background



This preview shows how black text looks on a background with the Hex color 54833C.



This preview shows how white text looks on a background with the Hex color 54833C.

# 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**  
54833C

**Protanopia**  
837738

**Deuteranopia**  
917141



**Tritanopia**  
607B85

# Trichromacy



**Original Color**  
54833C

**Protanomaly**  
727B39

**Deuteranomaly**  
7B783F

**Tritanomaly**  
5C7E6A

# Monochromacy



**Original Color**  
54833C

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
64755B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54833C 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 #54833C looks like.

```
.text, #text, p{  
    color:#54833C  
}
```

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 #54833C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54833C
}
```

## Border

The CSS property to change the border of an element to Hex 54833C 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
#54833C }
```

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

```
.border{ border-color:#54833C }
```

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

Here you see how a box with a 4 pixel #54833C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54833C; -webkit-box-shadow:4px 4px  
4px 4px #54833C; box-shadow:4px 4px 4px  
4px #54833C }
```

# Background

The CSS property to change the background color of an element to Hex 54833C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54833C }
```

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

```
.background{ background-color:#54833C }
```

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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