

# Converting Colors

Hex(5C833A)

Have a look what the booklet for  
Hex(5C833A) contains.

<b>Hex(5C833A)</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(5C833A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C833A
RGB	92, 131, 58
RGB Percent	36%, 51%, 23%
CMY	0.6392, 0.4863, 0.7725
CMYK	0.30, 0.00, 0.56, 0.49
HSL	92°, 39%, 37%
HSV	92°, 56%, 51%
XYZ	13.2937, 18.8134, 6.9337
YIQ	111.0170, 0.1890, -30.9710

# Conversions

## Conversions Part 2

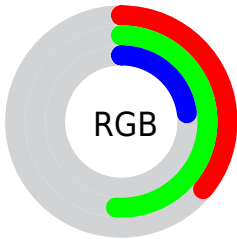
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 131, 97
Decimal	6062906
CIELab	50.47, -26.96, 34.73
CIElCh	50, 43.969, 127.818
Yxy	18.8134, 0.3405, 0.4819
Android (android.graphics.Color)	4284252986 (0xFF5C833A)
YUV	111.0170, -26.1374, -16.6779
Hunter-Lab	43.3744, -21.1975, 20.8842

# Details

The Hex color **5C833A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **613A83**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **90B86B**, and **2A5108** is the 20% darker color. If you saturate the color by 10%, you get **55832D**, and if you desaturate by 10%, it is **638347**.

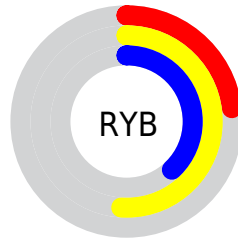
# Distribution



Red (36%)

Green (51%)

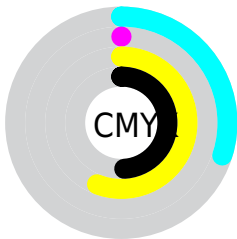
Blue (23%)



Red (23%)

Yellow (51%)

Blue (38%)

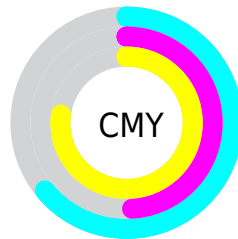


Cyan (30%)

Magenta (0%)

Yellow (56%)

Black (49%)



Cyan (64%)

Magenta (49%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C833A 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 5C833A by changing the saturation by 10% instead.





5C833A



5C833A

FFFFFF



436A22



90B86B



2A5108



ACD485



133A00



C7F0A0



002400



E4FFBB



000300



FFFFD7



000000



FFFFF4



5C833A



5C833A



55832D



638347

■ 4E8320

■ 6A8354

■ 478313

■ 718361

■ 408306

■ 78836E

■ 3D8300

■ 7F837B

■ 868389

■ 8D8396

■ 9483A3

■ 9B83B0

# Harmonies

## Analogous

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



847929



5C833A



1E895A

# Triad

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



5C833A



0084BD



BD5770

# Complementary

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



5C833A



613A83

# 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.



AE5C95



5C833A



4579C2

# Square

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



5C833A



0089A5



876AB4



B85E4C

# Rectangle

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



5C833A



008A74



876AB4



BA577C



# Sweetspot

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



5C833A



9BAB8E



83613A



4D5745



D6D6D6



575757



# Same Dimension

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



5C833A



6EAB38



3A833C



3F423C



3D8200



010300



# Inverse Universe

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



613A83



7638AB



833A81



3F3C42



450082



010003



# Previews

## White Background



This preview shows how the Hex color 5C833A looks on a white background.

## Color Contrast Check

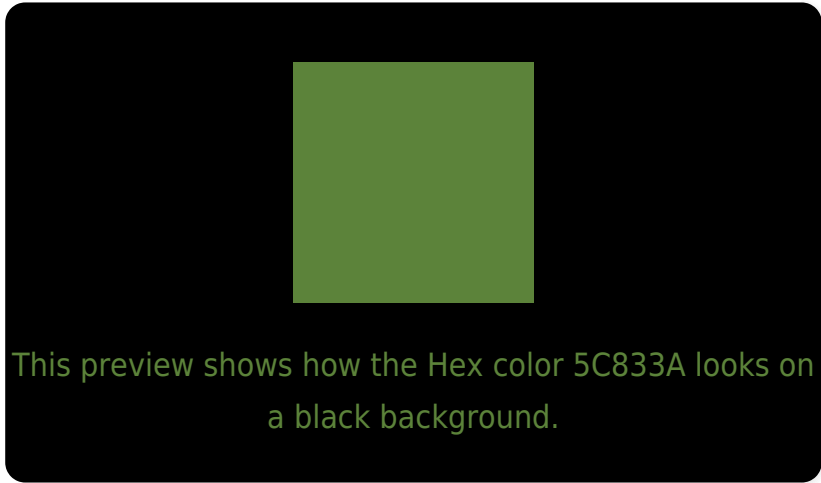
Large Text (above 18pt) WCAG AA ✓ Pass

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

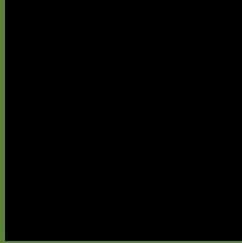
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5C833A Background



This preview shows how black text looks on a background with the Hex color 5C833A.



This preview shows how white text looks on a background with the Hex color 5C833A.

# 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**  
5C833A

**Protanopia**  
857837

**Deuteranopia**  
93723F



**Tritanopia**  
677B85

# Trichromacy



**Original Color**  
5C833A

**Protanomaly**  
767C38

**Deuteranomaly**  
7F783D

**Tritanomaly**  
637E6A

# Monochromacy



**Original Color**  
5C833A

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
68765C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C833A 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 #5C833A looks like.

```
.text, #text, p{  
    color:#5C833A  
}
```

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 #5C833A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C833A
}
```

## Border

The CSS property to change the border of an element to Hex 5C833A 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
#5C833A }
```

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

```
.border{ border-color:#5C833A }
```

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

Here you see how a box with a 4 pixel #5C833A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C833A; -webkit-box-shadow:4px 4px  
4px 4px #5C833A; box-shadow:4px 4px 4px  
4px #5C833A }
```

# Background

The CSS property to change the background color of an element to Hex 5C833A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C833A }
```

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

```
.background{ background-color:#5C833A }
```

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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