

# Converting Colors

Hex(5C8851)

Have a look what the booklet for  
Hex(5C8851) contains.

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# Color

**Hex(5C8851)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C8851
RGB	92, 136, 81
RGB Percent	36%, 53%, 32%
CMY	0.6392, 0.4667, 0.6824
CMYK	0.32, 0.00, 0.40, 0.47
HSL	108°, 25%, 43%
HSV	108°, 40%, 53%
XYZ	14.7030, 20.4777, 10.9622
YIQ	116.5740, -8.5690, -26.4330

# Conversions

## Conversions Part 2

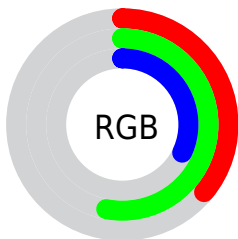
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 136, 125
Decimal	6064209
CIELab	52.37, -26.31, 24.84
CIELCh	52, 36.182, 136.638
Yxy	20.4777, 0.3186, 0.4438
Android (android.graphics.Color)	4284254289 (0xFF5C8851)
YUV	116.5740, -17.5380, -21.5514
Hunter-Lab	45.2523, -21.1948, 17.3138

# Details

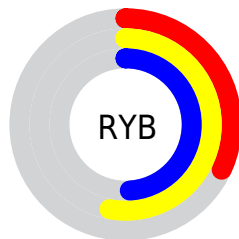
The Hex color **5C8851** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D5188**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **90BE83**, and **2B5623** is the 20% darker color. If you saturate the color by 10%, you get **518843**, and if you desaturate by 10%, it is **67885F**.

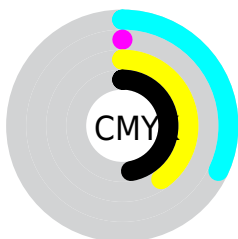
# Distribution



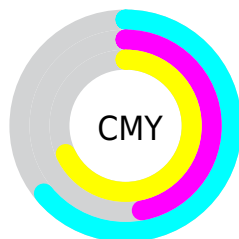
- Red (36%)
- Green (53%)
- Blue (32%)



- Red (32%)
- Yellow (53%)
- Blue (49%)



- Cyan (32%)
- Magenta (0%)
- Yellow (40%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C8851 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 5C8851 by changing the saturation by 10% instead.





5C8851



5C8851

FFFFFF



436E39



90BE83



2B5623



ABDA9D



123E0D



C7F6B8



002800



E3FFD4



000F00



FFFFFF1



000000



5C8851



5C8851



518843



67885F



468836



72886C

 3B8828

 7D887A

 30881B

 888887

 26880D

 928895

 1B8800

 9D88A3

 A888B0

 B388BE

 BE88CB

# Harmonies

## Analogous

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



7F8140



5C8851



2D8C6E

# Triad

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



5C8851



2784B9



B8646D

# Complementary

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



5C8851



7D5188

# 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.



B0658C



5C8851



6A7AB8

# Square

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



5C8851



008BA9



966EA8



B16B51

# Rectangle

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



5C8851



008D83



966EA8



B76377



# Sweetspot

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



5C8851



9FB09B



887D51



4F594D



D9D9D9



595959



# Same Dimension

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



5C8851



6BB05A



518862



3F453E



1B8500



010500



# Inverse Universe

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



7D5188



9F5AB0



885178



433E45



6A0085



040005



# Previews

## White Background



This preview shows how the Hex color 5C8851 looks on a white background.

## Color Contrast Check

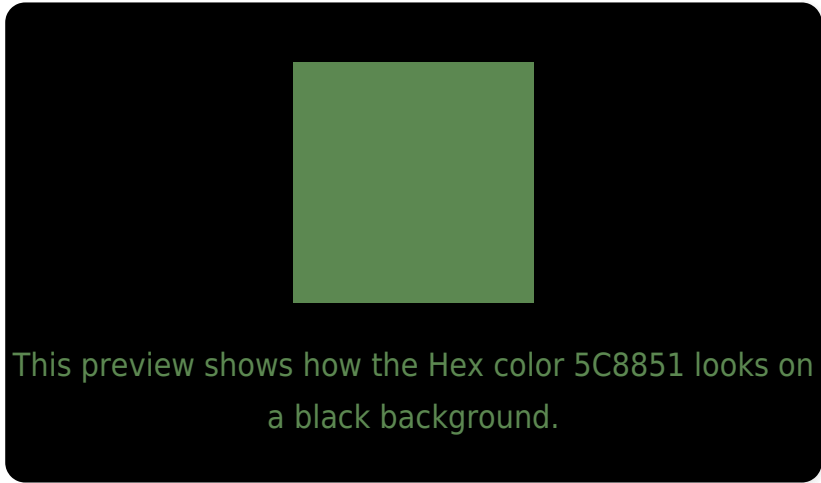
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C8851 Background



This preview shows how black text looks on a background with the Hex color 5C8851.



This preview shows how white text looks on a background with the Hex color 5C8851.

# 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**  
5C8851

**Protanopia**  
887C4D

**Deuteranopia**  
957755



**Tritanopia**  
66818B

# Trichromacy



**Original Color**  
5C8851

**Protanomaly**  
78804E

**Deuteranomaly**  
807D54

**Tritanomaly**  
628476

# Monochromacy



**Original Color**  
5C8851

**Achromatopsia**  
757575

**Achromatomaly**  
6C7C68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C8851 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 #5C8851 looks like.

```
.text, #text, p{  
    color:#5C8851  
}
```

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 #5C8851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8851
}
```

## Border

The CSS property to change the border of an element to Hex 5C8851 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
#5C8851 }
```

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

```
.border{ border-color:#5C8851 }
```

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

Here you see how a box with a 4 pixel #5C8851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8851; -webkit-box-shadow:4px 4px  
4px 4px #5C8851; box-shadow:4px 4px 4px  
4px #5C8851 }
```

# Background

The CSS property to change the background color of an element to Hex 5C8851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8851 }
```

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

```
.background{ background-color:#5C8851 }
```

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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