

# Converting Colors

Hex(5C8149)

Have a look what the booklet for  
Hex(5C8149) contains.

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**Color**

**Hex(5C8149)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C8149
RGB	92, 129, 73
RGB Percent	36%, 51%, 29%
CMY	0.6392, 0.4941, 0.7137
CMYK	0.29, 0.00, 0.43, 0.49
HSL	100°, 28%, 40%
HSV	100°, 43%, 51%
XYZ	13.4665, 18.4569, 9.1561
YIQ	111.5530, -4.0760, -25.2600

# Conversions

## Conversions Part 2

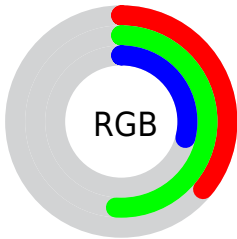
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 129, 110
Decimal	6062409
CIELab	50.05, -24.02, 26.25
CIELCh	50, 35.580, 132.459
Yxy	18.4569, 0.3278, 0.4493
Android (android.graphics.Color)	4284252489 (0xFF5C8149)
YUV	111.5530, -19.0066, -17.1480
Hunter-Lab	42.9615, -19.2308, 17.4369

# Details

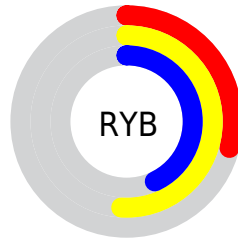
The Hex color **5C8149** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E4981**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **90B67A**, and **2B4F1B** is the 20% darker color. If you saturate the color by 10%, you get **53813C**, and if you desaturate by 10%, it is **658156**.

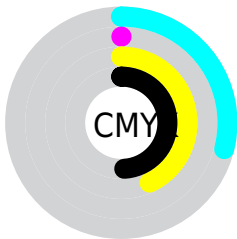
# Distribution



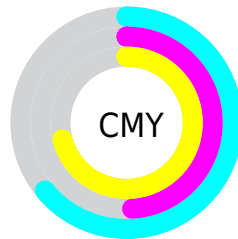
- Red (36%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (43%)



- Cyan (29%)
- Magenta (0%)
- Yellow (43%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C8149 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 5C8149 by changing the saturation by 10% instead.



 5C8149

 5C8149

FFFFFF

 436832

 90B67A

 2B4F1B

 ABD295

 143803

 C6EEAF

 002300

 E3FFCB

 000000

 FFFFE7

 5C8149

 5C8149

 53813C

 658156

 4B812F


 6D8163

 428122

 768170

 3A8115

 7E817D

 318109

 87818A

 2C8100

 8F8196

 9881A3

 A081B0

 A981BD

# Harmonies

## Analogous

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



7D793A



5C8149



318564

# Triad

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



5C8149



0C7FB0



B15E6B

# Complementary

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



5C8149



6E4981

# 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.



A6618A



5C8149



5D76B2

# Square

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



5C8149



00859F



8A6AA4



AB6550

# Rectangle

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



5C8149



008779



8A6AA4



AF5E76



# Sweetspot

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



5C8149



9AA892



816D49



4B5447



D4D4D4



545454



# Same Dimension

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



5C8149



6EA851



498151



3C4039



2B8000



000000



# Inverse Universe

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



6E4981



8B51A8



814979



3E3940



540080



000000



# Previews

## White Background



This preview shows how the Hex color 5C8149 looks on a white background.

## Color Contrast Check

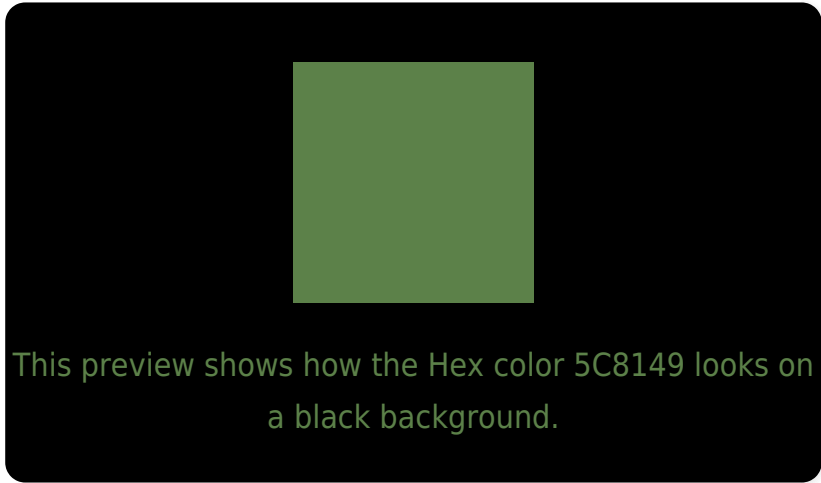
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C8149 Background



This preview shows how black text looks on a background with the Hex color 5C8149.



This preview shows how white text looks on a background with the Hex color 5C8149.

# 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**  
5C8149

**Protanopia**  
827745

**Deuteranopia**  
8F714D



**Tritanopia**  
657A84

# Trichromacy



**Original Color**  
5C8149

**Protanomaly**  
747B46

**Deuteranomaly**  
7C774C

**Tritanomaly**  
627D6F

# Monochromacy



**Original Color**  
5C8149

**Achromatopsia**  
707070

**Achromatomaly**  
697662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C8149 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 #5C8149 looks like.

```
.text, #text, p{  
    color:#5C8149  
}
```

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 #5C8149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8149
}
```

## Border

The CSS property to change the border of an element to Hex 5C8149 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
#5C8149 }
```

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

```
.border{ border-color:#5C8149 }
```

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

Here you see how a box with a 4 pixel #5C8149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8149; -webkit-box-shadow:4px 4px  
4px 4px #5C8149; box-shadow:4px 4px 4px  
4px #5C8149 }
```

# Background

The CSS property to change the background color of an element to Hex 5C8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8149 }
```

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

```
.background{ background-color:#5C8149 }
```

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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