

# Converting Colors

Hex(5CA843)

Have a look what the booklet for  
Hex(5CA843) contains.

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**Color**

**Hex(5CA843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA843
RGB	92, 168, 67
RGB Percent	36%, 66%, 26%
CMY	0.6392, 0.3412, 0.7373
CMYK	0.45, 0.00, 0.60, 0.34
HSL	105°, 43%, 46%
HSV	105°, 60%, 66%
XYZ	19.4294, 30.6858, 10.2091
YIQ	133.7620, -12.8750, -47.5230

# Conversions

## Conversions Part 2

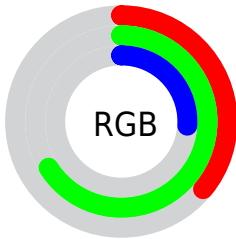
Format	Color
<a href="#">RYB</a>	<a href="#">67, 168, 143</a>
Decimal	<a href="#">6072387</a>
CIELab	<a href="#">62.24, -42.71, 44.04</a>
CIElCh	<a href="#">62, 61.347, 134.121</a>
Yxy	<a href="#">30.6858, 0.3221, 0.5087</a>
Android (android.graphics.Color)	<a href="#">4284262467 (0xFF5CA843)</a>
YUV	<a href="#">133.7620, -32.9137, -36.6253</a>
Hunter-Lab	<a href="#">55.3948, -34.3331, 27.8494</a>

# Details

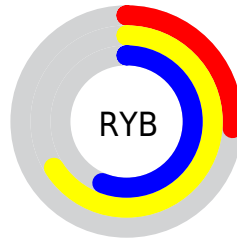
The Hex color **5CA843** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F43A8**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **93E076**, and **22730C** is the 20% darker color. If you saturate the color by 10%, you get **4FA832**, and if you desaturate by 10%, it is **69A854**.

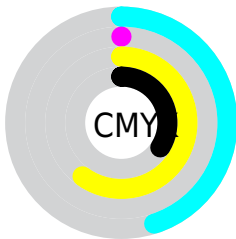
# Distribution



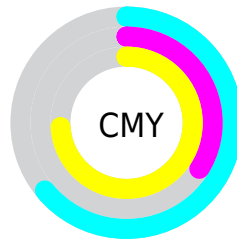
- Red (36%)
- Green (66%)
- Blue (26%)



- Red (26%)
- Yellow (66%)
- Blue (56%)



- Cyan (45%)
- Magenta (0%)
- Yellow (60%)
- Black (34%)



- Cyan (64%)
- Magenta (34%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CA843 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 5CA843 by changing the saturation by 10% instead.



 5CA843

 5CA843

FFFFFF

 408D29

 93E076

 22730C

 AFFD91

 005A00

 CCFFAC

 004200

 E9FFC8

 002C00

 FFFFE5

 000F00

 000000

 5CA843

 5CA843

 4FA832

 69A854

 43A821

 75A865

 36A811

 82A875

 2AA800

 8FA886

 9BA897

 A8A8A8

 B4A8B9

 C1A8C9

 CEA8DA

# Harmonies

## Analogous

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



9A9C1E



5CA843



00AF77

# Triad

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



5CA843



00A5FF



F9637F

# Complementary

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



5CA843



8F43A8

# 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.



EA67B6



5CA843



5C94FF

# Square

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



5CA843



00AEE1



BA7DE5



EC734D

# Rectangle

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



5CA843



00B09D



BA7DE5



F86291



# Sweetspot

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



5CA843



BEDBB4



A88F43



5B6E56



EDEDED



6E6E6E



# Same Dimension

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



5CA843



64DB3D



43A85C



4E544C



259400



051400



# Inverse Universe

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



8F43A8



B43DDB



A8438F



524C54



6F0094



0F0014



# Previews

## White Background



This preview shows how the Hex color 5CA843 looks on a white background.

## Color Contrast Check

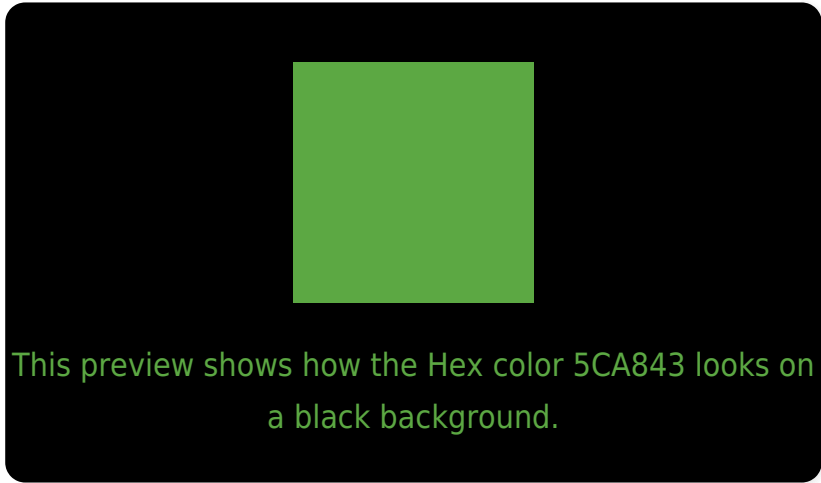
Large Text (above 18pt) WCAG AA × Fail

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

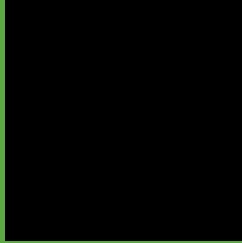
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CA843 Background



This preview shows how black text looks on a background with the Hex color 5CA843.

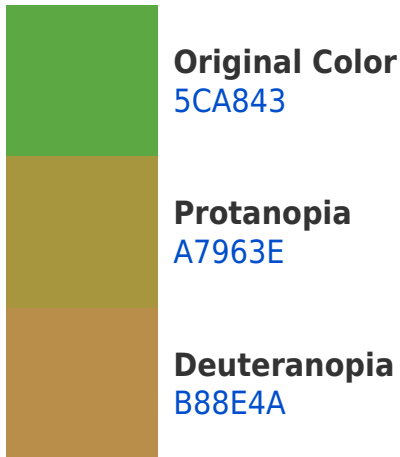


This preview shows how white text looks on a background with the Hex color 5CA843.

# 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](#).

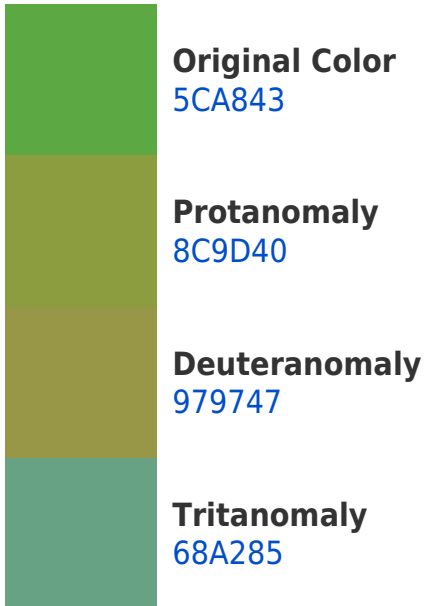
## Dichromacy





**Tritanopia**  
6F9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CA843 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 #5CA843 looks like.

```
.text, #text, p{  
    color:#5CA843  
}
```

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 #5CA843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA843
}
```

## Border

The CSS property to change the border of an element to Hex 5CA843 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
#5CA843 }
```

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

```
.border{ border-color:#5CA843 }
```

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

Here you see how a box with a 4 pixel #5CA843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA843; -webkit-box-shadow:4px 4px  
4px 4px #5CA843; box-shadow:4px 4px 4px  
4px #5CA843 }
```

# Background

The CSS property to change the background color of an element to Hex 5CA843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA843 }
```

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

```
.background{ background-color:#5CA843 }
```

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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