

# Converting Colors

Hex(5D8C46)

Have a look what the booklet for  
Hex(5D8C46) contains.

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# Color

Hex(5D8C46)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D8C46
RGB	93, 140, 70
RGB Percent	36%, 55%, 27%
CMY	0.6353, 0.4510, 0.7255
CMYK	0.34, 0.00, 0.50, 0.45
HSL	100°, 33%, 41%
HSV	100°, 50%, 55%
XYZ	14.9978, 21.5255, 9.1587
YIQ	117.9670, -5.5420, -31.7340

# Conversions

## Conversions Part 2

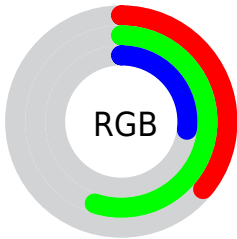
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 140, 117
Decimal	6130758
CIELab	53.52, -29.47, 32.23
CIElCh	54, 43.671, 132.434
Yxy	21.5255, 0.3283, 0.4712
Android (android.graphics.Color)	4284320838 (0xFF5D8C46)
YUV	117.9670, -23.6477, -21.8961
Hunter-Lab	46.3956, -23.4907, 20.7728

# Details

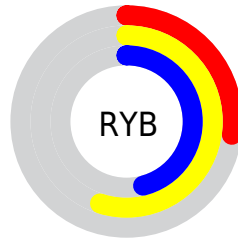
The Hex color **5D8C46** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **75468C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **92C278**, and **2B5917** is the 20% darker color. If you saturate the color by 10%, you get **548C38**, and if you desaturate by 10%, it is **668C54**.

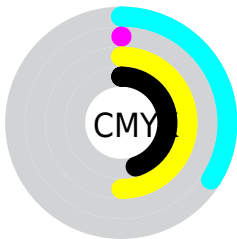
# Distribution



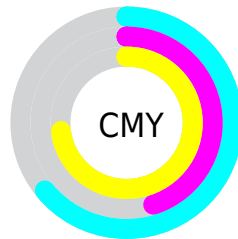
- Red (36%)
- Green (55%)
- Blue (27%)



- Red (27%)
- Yellow (55%)
- Blue (46%)



- Cyan (34%)
- Magenta (0%)
- Yellow (50%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D8C46 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 5D8C46 by changing the saturation by 10% instead.



 5D8C46

 5D8C46

FFFFFF

 44722E

 92C278

 2B5917

 ADDE92

 104200

 C9FBAD

 002B00

 E5FFC9

 001500

 FFFF E5

 000000

 5D8C46

 5D8C46

 548C38

 668C54

 4A8C2A

 708C62

 418C1C

 798C70

 378C0E

 838C7E

 2E8C00

 8C8C8C

 958C9A

 9F8CA8

 A88CB6

 B28CC4

# Harmonies

## Analogous

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



878333



5D8C46



199168

# Triad

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



5D8C46



008AC7



C66072

# Complementary

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



5D8C46



75468C

# 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.



BA6397



5D8C46



5B7FC9

# Square

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



5D8C46



0091B2



9770B8



BF684F

# Rectangle

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



5D8C46



009382



9770B8



C45F7E



# Sweetspot

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



5D8C46



A3B59A



8C7546



515C4B



DBDBDB



5C5C5C



# Same Dimension

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



5D8C46



6CB548



468C52



40453E



2C8500



020500



# Inverse Universe

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



75468C



9148B5



8C4680



433E45



590085



030005



# Previews

## White Background



This preview shows how the Hex color 5D8C46 looks on a white background.

## Color Contrast Check

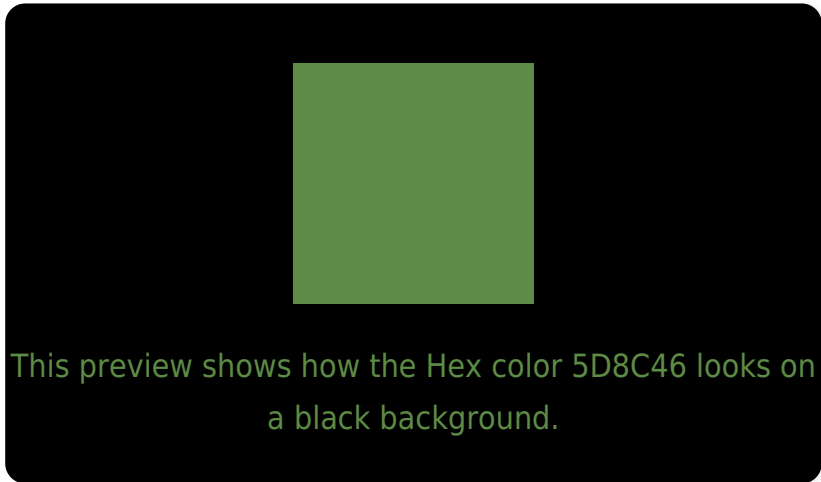
Large Text (above 18pt) WCAG AA ✓ Pass

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

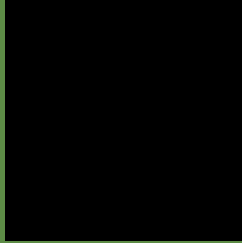
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D8C46 Background



This preview shows how black text looks on a background with the Hex color 5D8C46.

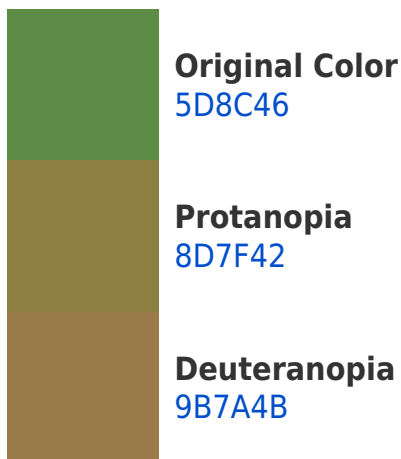



This preview shows how white text looks on a background with the Hex color 5D8C46.

# 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**  
69848F

# Trichromacy



**Original Color**  
5D8C46

**Protanomaly**  
7C8443

**Deuteranomaly**  
848149

**Tritanomaly**  
658774

# Monochromacy



**Original Color**  
5D8C46

**Achromatopsia**  
767676

**Achromatomaly**  
6D7E65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D8C46 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 #5D8C46 looks like.

```
.text, #text, p{  
    color:#5D8C46  
}
```

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 #5D8C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8C46
}
```

## Border

The CSS property to change the border of an element to Hex 5D8C46 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
#5D8C46 }
```

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

```
.border{ border-color:#5D8C46 }
```

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

Here you see how a box with a 4 pixel #5D8C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8C46; -webkit-box-shadow:4px 4px  
4px 4px #5D8C46; box-shadow:4px 4px 4px  
4px #5D8C46 }
```

# Background

The CSS property to change the background color of an element to Hex 5D8C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8C46 }
```

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

```
.background{ background-color:#5D8C46 }
```

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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