

# Converting Colors

Hex(5D8C2D)

Have a look what the booklet for  
Hex(5D8C2D) contains.

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**Color**

**Hex(5D8C2D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 5D8C2D                     |
| RGB           | 93, 140, 45                |
| RGB Percent   | 36%, 55%, 18%              |
| CMY           | 0.6353, 0.4510, 0.8235     |
| CMYK          | 0.34, 0.00, 0.68, 0.45     |
| HSL           | 90°, 51%, 36%              |
| HSV           | 90°, 68%, 55%              |
| XYZ           | 14.3659, 21.2728, 5.8315   |
| YIQ           | 115.1170, 2.4830, -39.5090 |

# Conversions

## Conversions Part 2

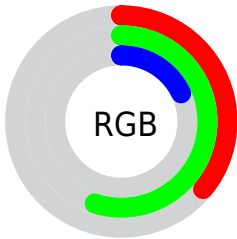
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 45, 140, 92                     |
| Decimal                             | 6130733                         |
| CIELab                              | 53.25, -32.14, 44.00            |
| CIELCh                              | 53, 54.489, 126.143             |
| Yxy                                 | 21.2728, 0.3464,<br>0.5130      |
| Android<br>(android.graphics.Color) | 4284320813<br>(0xFF5D8C2D)      |
| YUV                                 | 115.1170, -34.5677,<br>-19.3966 |
| Hunter-Lab                          | 46.1224, -25.1161,<br>24.7893   |

# Details

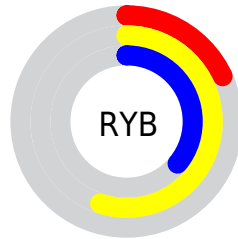
The Hex color **5D8C2D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5C2D8C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **93C260**, and **295900** is the 20% darker color. If you saturate the color by 10%, you get **568C1F**, and if you desaturate by 10%, it is **648C3B**.

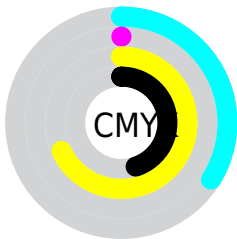
# Distribution



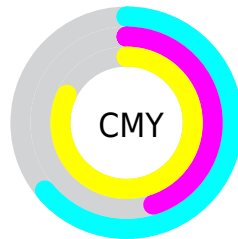
- Red (36%)
- Green (55%)
- Blue (18%)



- Red (18%)
- Yellow (55%)
- Blue (36%)



- Cyan (34%)
- Magenta (0%)
- Yellow (68%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D8C2D 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 5D8C2D by changing the saturation by 10% instead.





5D8C2D



5D8C2D

FFFFFF



437211



93C260



295900



AEDE7A



0D4200



CAFB94



002B00



E7FFB0



001300



FFFFCC



000000



FFFFE8



5D8C2D



5D8C2D



568C1F



648C3B

■ 4F8C11

■ 6B8C49

■ 488C03

■ 728C57

■ 478C00

■ 798C65

■ 808C73

■ 878C81

■ 8D8C8F

■ 948C9D

■ 9B8CAB

# Harmonies

## Analogous

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



8E8014



5D8C2D



009357

# Triad

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



5D8C2D



008ED5



D35277

# Complementary

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



5D8C2D



5C2D8C

# 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.



BF5BA6



5D8C2D



1D81DD

# Square

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



5D8C2D



0094B5



8D6ECB



CE5C4A

# Rectangle

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



5D8C2D



009577



8D6ECB



D05387



# Sweetspot

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



5D8C2D



A3B591



8C5B2D



515C46



DBDBDB



5C5C5C



# Same Dimension

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



5D8C2D



6CB522



2F8C2D



41453E



438500



030500



# Inverse Universe

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



5C2D8C



6B22B5



8A2D8C



413E45



420085



030005



# Previews

## White Background



This preview shows how the Hex color 5D8C2D looks on a white background.

## Color Contrast Check

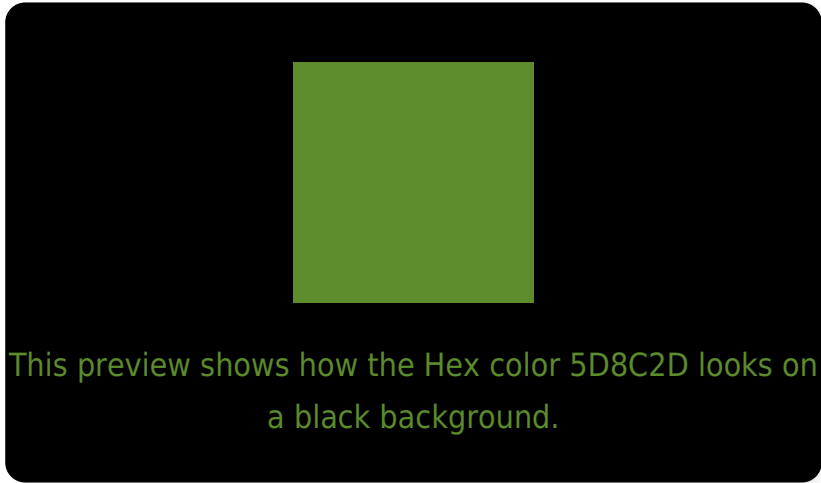
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D8C2D Background



This preview shows how black text looks on a background with the Hex color 5D8C2D.



This preview shows how white text looks on a background with the Hex color 5D8C2D.

# 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**  
5D8C2D

**Protanopia**  
8E7F29

**Deuteranopia**  
9D7834



**Tritanopia**  
6A838D

# Trichromacy



**Original Color**  
5D8C2D

**Protanomaly**  
7C842A

**Deuteranomaly**  
867F31

**Tritanomaly**  
65866A

# Monochromacy



**Original Color**  
5D8C2D

**Achromatopsia**  
737373

**Achromatomaly**  
6B7C5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D8C2D 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 #5D8C2D looks like.

```
.text, #text, p{  
    color:#5D8C2D  
}
```

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 #5D8C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8C2D
}
```

## Border

The CSS property to change the border of an element to Hex 5D8C2D 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
#5D8C2D }
```

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

```
.border{ border-color:#5D8C2D }
```

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

Here you see how a box with a 4 pixel #5D8C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8C2D; -webkit-box-shadow:4px 4px  
4px 4px #5D8C2D; box-shadow:4px 4px 4px  
4px #5D8C2D }
```

# Background

The CSS property to change the background color of an element to Hex 5D8C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8C2D }
```

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

```
.background{ background-color:#5D8C2D }
```

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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