

# Converting Colors

Hex(5D832D)

Have a look what the booklet for  
Hex(5D832D) contains.

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**Color**

**Hex(5D832D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D832D
RGB	93, 131, 45
RGB Percent	36%, 51%, 18%
CMY	0.6353, 0.4863, 0.8235
CMYK	0.29, 0.00, 0.66, 0.49
HSL	87°, 49%, 35%
HSV	87°, 66%, 51%
XYZ	13.1042, 18.7492, 5.4109
YIQ	109.8340, 4.9580, -34.8020

# Conversions

## Conversions Part 2

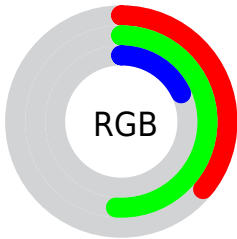
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 131, 83
Decimal	6128429
CIELab	50.39, -27.87, 40.94
CIElCh	50, 49.527, 124.249
Yxy	18.7492, 0.3517, 0.5031
Android (android.graphics.Color)	4284318509 (0xFF5D832D)
YUV	109.8340, -31.9632, -14.7634
Hunter-Lab	43.3004, -21.7555, 22.9012




# Details

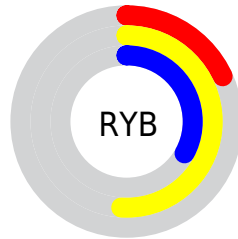
The Hex color **5D832D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **532D83**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **92B85F**, and **2A5100** is the 20% darker color. If you saturate the color by 10%, you get **578320**, and if you desaturate by 10%, it is **63833A**.

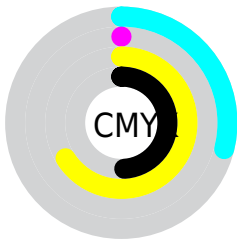
# Distribution







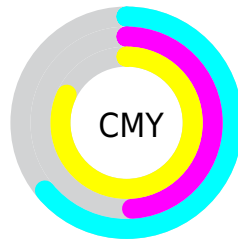
-  Red (36%)
-  Green (51%)
-  Blue (18%)






-  Red (18%)
-  Yellow (51%)
-  Blue (33%)



-  Cyan (29%)
-  Magenta (0%)
-  Yellow (66%)
-  Black (49%)



-  Cyan (64%)
-  Magenta (49%)
-  Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D832D 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 5D832D by changing the saturation by 10% instead.



 5D832D

 5D832D

FFFFFF

 436A13

 92B85F

 2A5100

 ADD479

 113A00

 C9F093

 002500

 E6FFAE

 000300

 FFFFC4

 000000

 FFFFE7

 5D832D

 5D832D

 578320

 63833A

■ 518313

■ 698347

■ 4C8306

■ 6E8354

■ 498300

■ 748361

■ 7A836F

■ 80837C

■ 868389

■ 8B8396

■ 9183A3

# Harmonies

## Analogous

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



89781B



5D832D



0F8A51

# Triad

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



5D832D



0086C3



C45074

# Complementary

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



5D832D



532D83

# 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.



B0599D



5D832D



1E7BCC

# Square

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



5D832D



008BA6



816ABE



C1584B

# Rectangle

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



5D832D



008C6E



816ABE



C05182



# Sweetspot

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



5D832D



9CAB89



83522D



4E5742



D6D6D6



575757



# Same Dimension

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



5D832D



6FAB24



33832D



3F423C



498200



010300



# Inverse Universe

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



532D83



6024AB



7D2D83



3F3C42



390082



010003



# Previews

## White Background



This preview shows how the Hex color 5D832D looks on a white background.

## Color Contrast Check

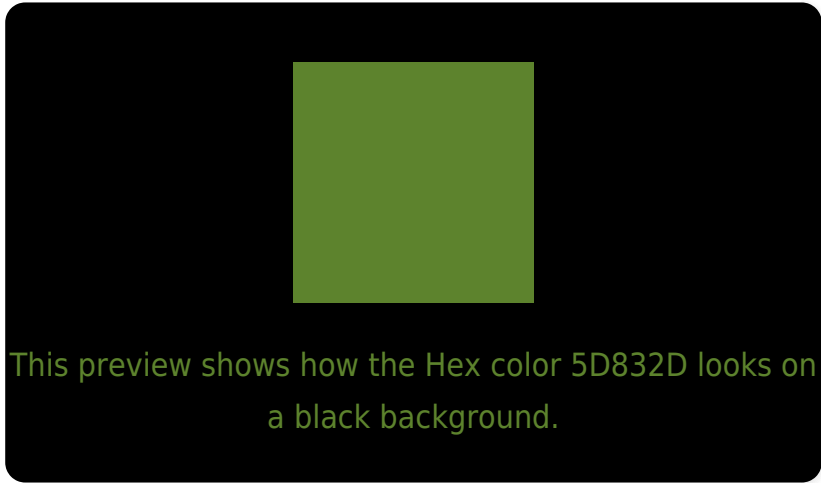
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D832D Background



This preview shows how black text looks on a background with the Hex color 5D832D.



This preview shows how white text looks on a background with the Hex color 5D832D.

# 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**  
5D832D

**Protanopia**  
86782A

**Deuteranopia**  
947233



**Tritanopia**  
687B84

# Trichromacy



**Original Color**  
5D832D

**Protanomaly**  
777C2B

**Deuteranomaly**  
807831

**Tritanomaly**  
647E64

# Monochromacy



**Original Color**  
5D832D

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
687656

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D832D 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 #5D832D looks like.

```
.text, #text, p{  
    color:#5D832D  
}
```

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 #5D832D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D832D
}
```

## Border

The CSS property to change the border of an element to Hex 5D832D 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
#5D832D }
```

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

```
.border{ border-color:#5D832D }
```

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

Here you see how a box with a 4 pixel #5D832D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D832D; -webkit-box-shadow:4px 4px  
4px 4px #5D832D; box-shadow:4px 4px 4px  
4px #5D832D }
```

# Background

The CSS property to change the background color of an element to Hex 5D832D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D832D }
```

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

```
.background{ background-color:#5D832D }
```

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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