

# Converting Colors

Hex(81842C)

Have a look what the booklet for  
Hex(81842C) contains.

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**Color**

**Hex(81842C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81842C
RGB	129, 132, 44
RGB Percent	51%, 52%, 17%
CMY	0.4941, 0.4824, 0.8275
CMYK	0.02, 0.00, 0.67, 0.48
HSL	62°, 50%, 35%
HSV	62°, 67%, 52%
XYZ	17.7591, 21.3515, 5.5681
YIQ	121.0710, 26.4600, -28.0040

# Conversions

## Conversions Part 2

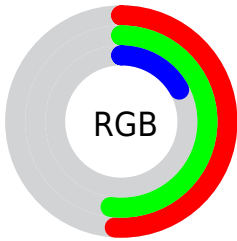
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 132, 47
Decimal	8487980
CIE <sub>Lab</sub>	53.33, -13.00, 45.30
CIE <sub>LCh</sub>	53, 47.131, 106.011
Yxy	21.3515, 0.3975, 0.4779
Android (android.graphics.Color)	4286678060 (0xFF81842C)
YUV	121.0710, -37.9960, 6.9537
Hunter-Lab	46.2077, -12.2600, 25.2008

# Details

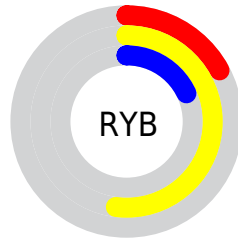
The Hex color **81842C** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2F2C84**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B8B95F**, and **4D5300** is the 20% darker color. If you saturate the color by 10%, you get **81841F**, and if you desaturate by 10%, it is **818439**.

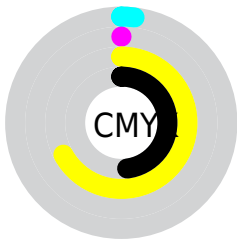
# Distribution



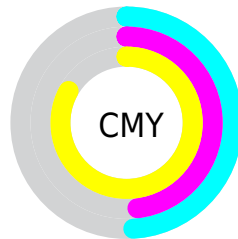
- Red (51%)
- Green (52%)
- Blue (17%)



- Red (17%)
- Yellow (52%)
- Blue (18%)



- Cyan (2%)
- Magenta (0%)
- Yellow (67%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81842C 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 81842C by changing the saturation by 10% instead.





81842C



81842C

FFFFFF



666B11



B8B95F



4D5300



D5D579



343C00



F2F193



1B2600



FFFFAE



001300



FFFPCA



000000



FFFPE7



81842C



81842C



81841F



818439

 808412

 828446

 808404

 828454

 808400

 838461

 83846E

 84847B

 848488

 858496

 8584A3

# Harmonies

## Analogous

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



A6762E



81842C



538D44

# Triad

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



81842C



0091B9



C05E94

# Complementary

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



81842C



2F2C84

# 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.



9E6CB8



81842C



0089CE

# Square

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



81842C



009394



5F7CCD



CB5C6B

# Rectangle

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



81842C



21915D



5F7CCD



B762A1



# Sweetspot

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



81842C



AAAB89



842F2C



565742



D6D6D6



575757



# Same Dimension

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



81842C



A6AB22



55842C



42423C



7E8200



020300



# Inverse Universe

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



2F2C84



2722AB



5B2C84



3C3C42



040082



000003



# Previews

## White Background



This preview shows how the Hex color 81842C looks on a white background.

## Color Contrast Check

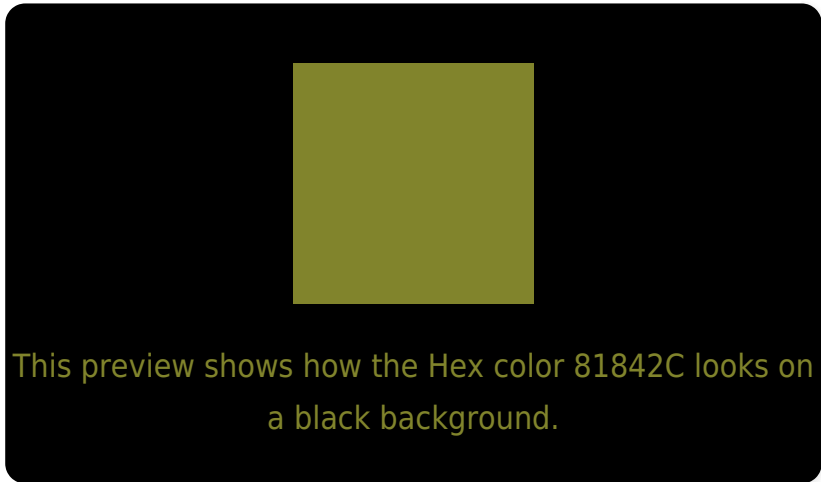
Large Text (above 18pt) WCAG AA ✓ Pass

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

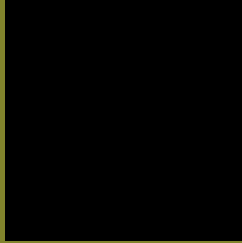
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 81842C Background



This preview shows how black text looks on a background with the Hex color 81842C.



This preview shows how white text looks on a background with the Hex color 81842C.

# 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**  
81842C

**Protanopia**  
8E802B

**Deuteranopia**  
9F7930



**Tritanopia**  
897B85

# Trichromacy



**Original Color**  
81842C

**Protanomaly**  
89812B

**Deuteranomaly**  
947D2F

**Tritanomaly**  
867E65

# Monochromacy



**Original Color**  
81842C

**Achromatopsia**  
797979

**Achromatomaly**  
7C7D5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81842C 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 #81842C looks like.

```
.text, #text, p{  
    color:#81842C  
}
```

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 #81842C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81842C
}
```

## Border

The CSS property to change the border of an element to Hex 81842C 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
#81842C }
```

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

```
.border{ border-color:#81842C }
```

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

Here you see how a box with a 4 pixel #81842C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81842C; -webkit-box-shadow:4px 4px  
4px 4px #81842C; box-shadow:4px 4px 4px  
4px #81842C }
```

# Background

The CSS property to change the background color of an element to Hex 81842C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81842C }
```

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

```
.background{ background-color:#81842C }
```

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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