

# Converting Colors

Hex(818841)

Have a look what the booklet for  
Hex(818841) contains.

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# Color

**Hex(818841)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	818841
RGB	129, 136, 65
RGB Percent	51%, 53%, 25%
CMY	0.4941, 0.4667, 0.7451
CMYK	0.05, 0.00, 0.52, 0.47
HSL	66°, 35%, 39%
HSV	66°, 52%, 53%
XYZ	18.8116, 22.6571, 8.3828
YIQ	125.8130, 18.6190, -23.5650

# Conversions

## Conversions Part 2

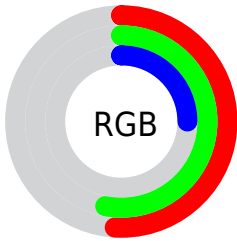
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 136, 72
Decimal	8489025
CIELab	54.72, -13.43, 36.84
CIELCh	55, 39.216, 110.031
Yxy	22.6571, 0.3774, 0.4545
Android (android.graphics.Color)	4286679105 (0xFF818841)
YUV	125.8130, -29.9808, 2.7950
Hunter-Lab	47.5995, -12.7550, 22.8780

# Details

The Hex color **818841** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **484188**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B7BD73**, and **4E5610** is the 20% darker color. If you saturate the color by 10%, you get **808833**, and if you desaturate by 10%, it is **82884F**.

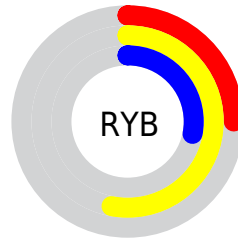
# Distribution



Red (51%)

Green (53%)

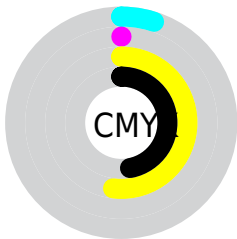
Blue (25%)



Red (25%)

Yellow (53%)

Blue (28%)

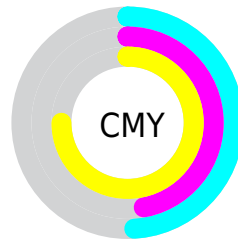


Cyan (5%)

Magenta (0%)

Yellow (52%)

Black (47%)



Cyan (49%)

Magenta (47%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 818841 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 818841 by changing the saturation by 10% instead.





818841



818841

FFFFFF



676F29



B7BD73



4E5610



D3D98D



363F00



F0F5A8



1E2900



FFFFC3



001600



FFFEE0



000000

FFFFFFC



818841



818841



808833



82884F

 7E8826

 84885C

 7D8818

 85886A

 7C880B

 868877

 7B8800

 888885

 898893

 8A88A0

 8C88AE

 8D88BB

# Harmonies

## Analogous

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



A17D3F



818841



5A9056

# Triad

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



818841



0091B6



BC6890

# Complementary

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



818841



484188

# 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.



A271AF



818841



2A8AC5

# Square

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



818841



009499



747EC3



C3686D

# Rectangle

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



818841



38936B



747EC3



B66A9B



# Sweetspot

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



818841



ADB094



884741



585948



D9D9D9



595959



# Same Dimension

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



818841



A5B041



5F8841



44453E



788500



050500



# Inverse Universe

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



484188



4C41B0



6A4188



3F3E45



0D0085



010005



# Previews

## White Background



This preview shows how the Hex color 818841 looks on a white background.

## Color Contrast Check

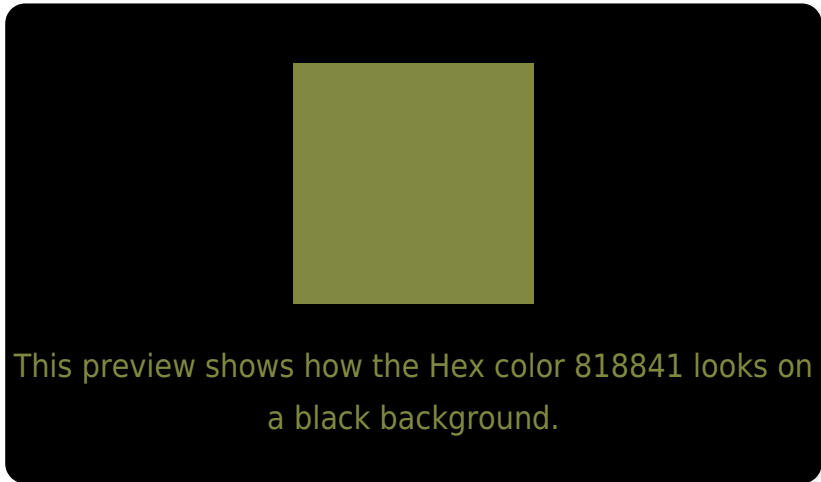
Large Text (above 18pt) WCAG AA ✓ Pass

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

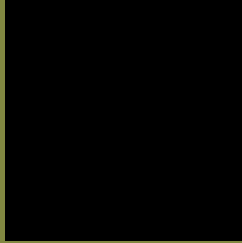
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 818841 Background



This preview shows how black text looks on a background with the Hex color 818841.



This preview shows how white text looks on a background with the Hex color 818841.

# 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**  
818841

**Protanopia**  
91833F

**Deuteranopia**  
A17D44



**Tritanopia**  
89808A

# Trichromacy



**Original Color**  
818841

**Protanomaly**  
8B8540

**Deuteranomaly**  
958143

**Tritanomaly**  
86836F

# Monochromacy



**Original Color**  
818841

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7F8268

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 818841 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 #818841 looks like.

```
.text, #text, p{  
    color:#818841  
}
```

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 #818841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818841
}
```

## Border

The CSS property to change the border of an element to Hex 818841 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
#818841 }
```

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

```
.border{ border-color:#818841 }
```

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

Here you see how a box with a 4 pixel #818841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818841; -webkit-box-shadow:4px 4px  
4px 4px #818841; box-shadow:4px 4px 4px  
4px #818841 }
```

# Background

The CSS property to change the background color of an element to Hex 818841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818841 }
```

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

```
.background{ background-color:#818841 }
```

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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