

# Converting Colors

Hex(817241)

Have a look what the booklet for  
Hex(817241) contains.

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**Color**

**Hex(817241)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817241
RGB	129, 114, 65
RGB Percent	51%, 45%, 25%
CMY	0.4941, 0.5529, 0.7451
CMYK	0.00, 0.12, 0.50, 0.49
HSL	46°, 33%, 38%
HSV	46°, 50%, 51%
XYZ	16.0247, 17.0834, 7.4539
YIQ	112.8990, 24.6690, -12.0590

# Conversions

## Conversions Part 2

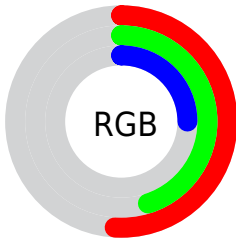
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 129, 65
Decimal	8483393
CIE <sub>Lab</sub>	48.36, -1.22, 29.16
CIE <sub>LCh</sub>	48, 29.184, 92.388
Yxy	17.0834, 0.3951, 0.4212
Android (android.graphics.Color)	4286673473 (0xFF817241)
YUV	112.8990, -23.6142, 14.1206
Hunter-Lab	41.3321, -3.1256, 18.2400

# Details

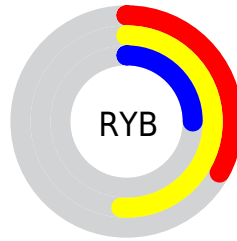
The Hex color **817241** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **415081**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B7A672**, and **4E4213** is the 20% darker color. If you saturate the color by 10%, you get **816F34**, and if you desaturate by 10%, it is **81754E**.

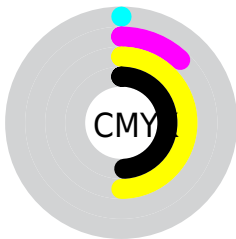
# Distribution



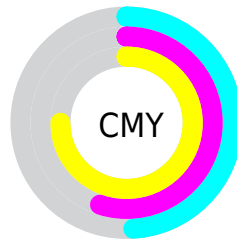
- Red (51%)
- Green (45%)
- Blue (25%)



- Red (33%)
- Yellow (51%)
- Blue (25%)



- Cyan (0%)
- Magenta (12%)
- Yellow (50%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817241 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 817241 by changing the saturation by 10% instead.





817241



817241

FFFFFF



675A2A



B7A672



4E4213



D3C18C



362C00



F0DDA6



1E1800



FFF9C2



000000



FFFFDE



FFFFFFA



817241



817241



816F34



81754E

■ 816C27

■ 81785B

■ 81691A

■ 817B68

■ 81660D

■ 817E75

■ 816301

■ 818182

■ 816300

■ 81848E

■ 81879B

■ 818AA8

■ 818DB5

# Harmonies

## Analogous

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



956948



817241



677948

# Triad

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



817241



007F8C



93638A

# Complementary

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



817241



415081

# 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.



786C9C



817241



237B9E

# Square

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



817241



258074



5275A4



A15F72

# Rectangle

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



817241



547D54



5275A4



8C6691



# Sweetspot

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



817241



A8A28F



814151



545145



D4D4D4



545454



# Same Dimension

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



817241



A89143



718141



403E39



806200



000000



# Inverse Universe

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



415081



435BA8



514181



393B40



001E80



000000



# Previews

## White Background



This preview shows how the Hex color 817241 looks on a white background.

## Color Contrast Check

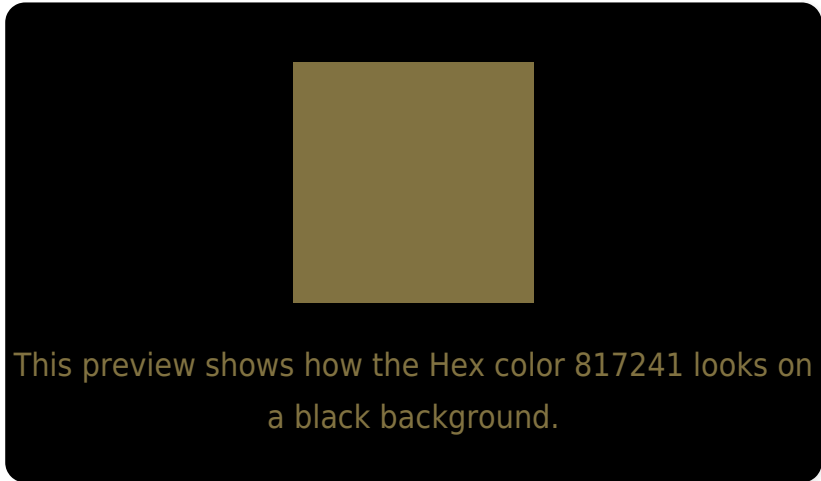
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

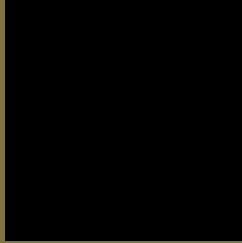
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 817241 Background



This preview shows how black text looks on a background with the Hex color 817241.

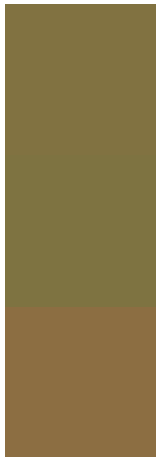


This preview shows how white text looks on a background with the Hex color 817241.

# 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**  
817241

**Protanopia**  
7E7341

**Deuteranopia**  
8C6E42



**Tritanopia**  
866C74

# Trichromacy



**Original Color**  
817241

**Protanomaly**  
7F7341

**Deuteranomaly**  
886F42

**Tritanomaly**  
846E61

# Monochromacy



**Original Color**  
817241

**Achromatopsia**  
717171

**Achromatomaly**  
777160

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817241 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 #817241 looks like.

```
.text, #text, p{  
    color:#817241  
}
```

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 #817241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817241
}
```

## Border

The CSS property to change the border of an element to Hex 817241 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
#817241 }
```

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

```
.border{ border-color:#817241 }
```

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

Here you see how a box with a 4 pixel #817241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817241; -webkit-box-shadow:4px 4px  
4px 4px #817241; box-shadow:4px 4px 4px  
4px #817241 }
```

# Background

The CSS property to change the background color of an element to Hex 817241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817241 }
```

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

```
.background{ background-color:#817241 }
```

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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