

# Converting Colors

Hex(817E0B)

Have a look what the booklet for  
Hex(817E0B) contains.

<b>Hex(817E0B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(817E0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817E0B
RGB	129, 126, 11
RGB Percent	51%, 49%, 4%
CMY	0.4941, 0.5059, 0.9569
CMYK	0.00, 0.02, 0.91, 0.49
HSL	58°, 84%, 27%
HSV	58°, 91%, 51%
XYZ	16.5745, 19.6130, 3.2287
YIQ	113.7870, 38.7030, -35.1290

# Conversions

## Conversions Part 2

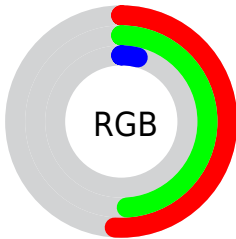
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 129, 11
Decimal	8486411
CIELab	51.40, -11.16, 54.30
CIELCh	51, 55.432, 101.615
Yxy	19.6130, 0.4205, 0.4976
Android (android.graphics.Color)	4286676491 (0xFF817E0B)
YUV	113.7870, -50.6740, 13.3418
Hunter-Lab	44.2866, -10.6968, 26.6780

# Details

The Hex color **817E0B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0B0E81**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B9B247**, and **4C4D00** is the 20% darker color. If you saturate the color by 10%, you get **817E00**, and if you desaturate by 10%, it is **817E18**.

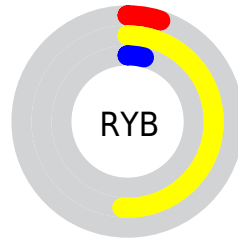
# Distribution



Red (51%)

Green (49%)

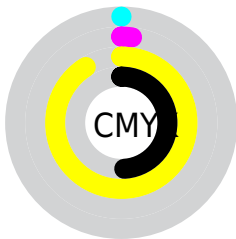
Blue (4%)



Red (5%)

Yellow (51%)

Blue (4%)

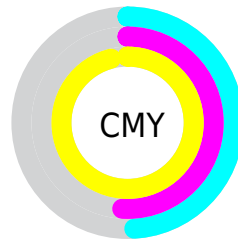


Cyan (0%)

Magenta (2%)

Yellow (91%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817E0B 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 817E0B by changing the saturation by 10% instead.





817E0B



817E0B

FFFFFF



666500



B9B247



4C4D00



D6CE61



323700



F3EA7B



192200



FFFF97



000A00



FFFFB2



000000



FFFCE



FFFEB



817E0B



817E0B

■ 817E00

■ 817E18

■ 817F25

■ 817F32

■ 817F3F

■ 81804C

■ 818058

■ 818065

■ 818172

■ 81817F

# Harmonies

## Analogous

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



AA6D18



817E0B



4C892E

# Triad

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



817E0B



008FB8



C15299

# Complementary

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



817E0B



0B0E81

# 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.



9466C2



817E0B



0088D4

# Square

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



817E0B



00918C



377AD8



D04C6A

# Rectangle

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



817E0B



008D4B



377AD8



B558A8



# Sweetspot

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



817E0B



A8A77B



810B0F



545339



D4D4D4



545454



# Same Dimension

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



817E0B



A8A400



4A810B



404039



807C00



000000



# Inverse Universe

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



0B0E81



0004A8



420B81



393A40



000380



000000



# Previews

## White Background



This preview shows how the Hex color 817E0B looks on a white background.

## Color Contrast Check

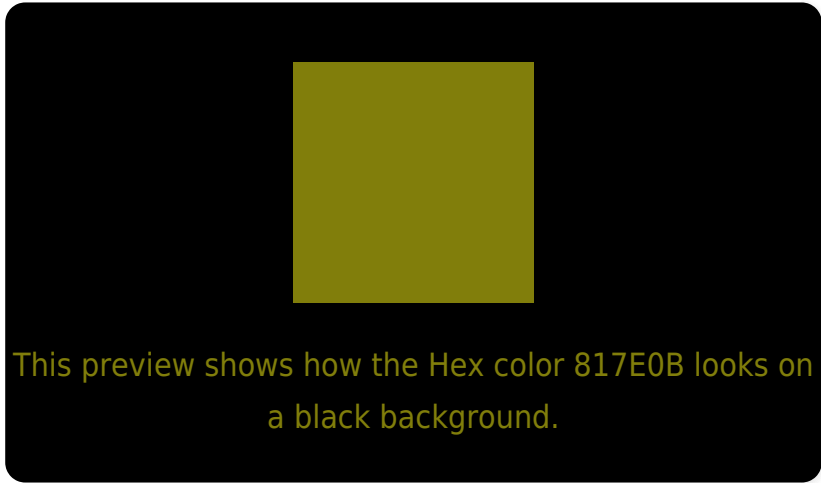
Large Text (above 18pt) WCAG AA ✓ Pass

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 817E0B Background



This preview shows how black text looks on a background with the Hex color 817E0B.



This preview shows how white text looks on a background with the Hex color 817E0B.

# 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**  
817E0B

**Protanopia**  
8A7B09

**Deuteranopia**  
9B7415



**Tritanopia**  
89757E

# Trichromacy



**Original Color**  
817E0B

**Protanomaly**  
877C0A

**Deuteranomaly**  
927811

**Tritanomaly**  
867854

# Monochromacy



**Original Color**  
817E0B

**Achromatopsia**  
727272

**Achromatomaly**  
77764D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817E0B 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 #817E0B looks like.

```
.text, #text, p{  
    color:#817E0B  
}
```

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 #817E0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817E0B  
}
```

## Border

The CSS property to change the border of an element to Hex 817E0B 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  
#817E0B }
```

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

```
.border{ border-color:#817E0B }
```

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

Here you see how a box with a 4 pixel #817E0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817E0B; -webkit-box-shadow:4px 4px  
4px 4px #817E0B; box-shadow:4px 4px 4px  
4px #817E0B }
```

# Background

The CSS property to change the background color of an element to Hex 817E0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817E0B }
```

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

```
.background{ background-color:#817E0B }
```

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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