

# Converting Colors

Hex(817B00)

Have a look what the booklet for  
Hex(817B00) contains.

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**Color**

**Hex(817B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	817B00
RGB	129, 123, 0
RGB Percent	51%, 48%, 0%
CMY	0.4941, 0.5176, 1.0000
CMYK	0.00, 0.05, 1.00, 0.49
HSL	57°, 100%, 25%
HSV	57°, 100%, 51%
XYZ	16.1362, 18.8330, 2.7847
YIQ	110.7720, 43.0590, -36.9810

# Conversions

## Conversions Part 2

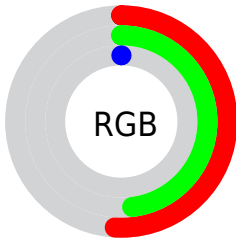
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 129, 0
Decimal	8485632
CIELab	50.49, -9.74, 55.71
CIELCh	50, 56.560, 99.918
Yxy	18.8330, 0.4274, 0.4988
Android (android.graphics.Color)	4286675712 (0xFF817B00)
YUV	110.7720, -54.6106, 15.9860
Hunter-Lab	43.3971, -9.5736, 26.5735

# Details

The Hex color **817B00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000681**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B9AF41**, and **4C4B00** is the 20% darker color. If you saturate the color by 10%, you get **817B00**, and if you desaturate by 10%, it is **817C0D**.

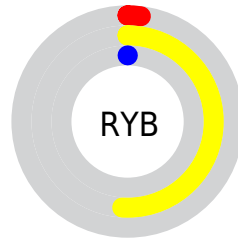
# Distribution



Red (51%)

Green (48%)

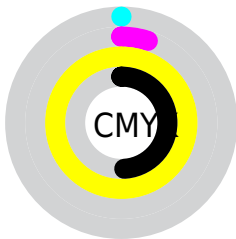
Blue (0%)



Red (2%)

Yellow (51%)

Blue (0%)

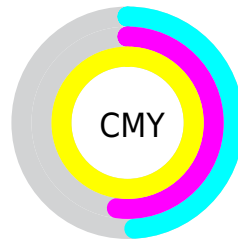


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (52%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 817B00 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 817B00 by changing the saturation by 10% instead.



 817B00

 817B00


FFFFFF

 666200

 B9AF41

 4C4B00

 D6CA5C

 313400

 F4E676

 191F00

 FFFF91


 000300

 FFFFAD

 000000

 FFFF C9

 FFFF E6

 817B00

 817C0D

 817C1A

 817D27


 817D34

 817E41

 817F4D

 817F5A

 818067

 818074

# Harmonies

## Analogous

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



AA6A14



817B00



4C8627

# Triad

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



817B00



008DB5



BE4F9A

# Complementary

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



817B00



000681

# 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.



8E64C3



817B00



0086D3

# Square

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



817B00



008F87



2278D8



CE486A

# Rectangle

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



817B00



008B45



2278D8



B255A9



# Sweetspot

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



817B00



A8A676



810006



545336



D4D4D4



545454



# Same Dimension

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



817B00



A8A000



478100



403F39



807A00



000000



# Inverse Universe

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



000681



0008A8



3A0081



393A40



000680



000000



# Previews

## White Background



This preview shows how the Hex color 817B00 looks on a white background.

## Color Contrast Check

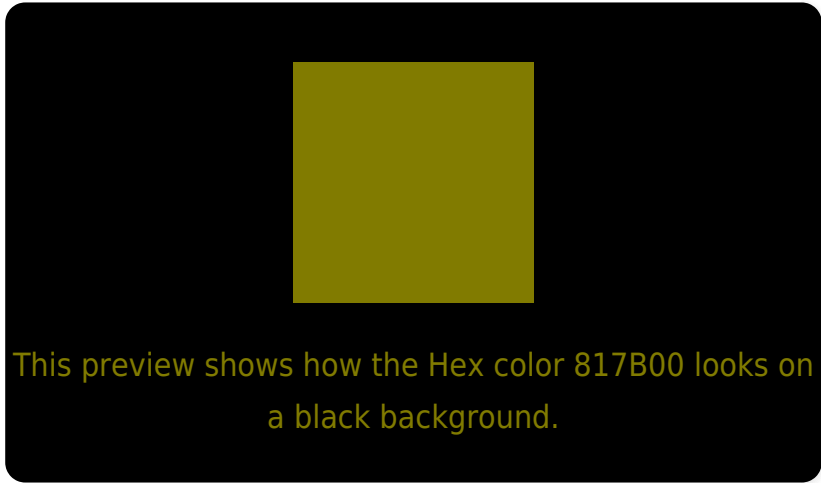
Large Text (above 18pt) WCAG AA ✓ Pass

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 817B00 Background



This preview shows how black text looks on a background with the Hex color 817B00.



This preview shows how white text looks on a background with the Hex color 817B00.

# 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**  
817B00

**Protanopia**  
887900

**Deuteranopia**  
987211



**Tritanopia**  
89727B

# Trichromacy



**Original Color**  
817B00

**Protanomaly**  
857A00

**Deuteranomaly**  
90750B

**Tritanomaly**  
86754E

# Monochromacy



**Original Color**  
817B00

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
767347

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817B00 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 #817B00 looks like.

```
.text, #text, p{  
    color:#817B00  
}
```

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 #817B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817B00
}
```

## Border

The CSS property to change the border of an element to Hex 817B00 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
#817B00 }
```

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

```
.border{ border-color:#817B00 }
```

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

Here you see how a box with a 4 pixel #817B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817B00; -webkit-box-shadow:4px 4px  
4px 4px #817B00; box-shadow:4px 4px 4px  
4px #817B00 }
```

# Background

The CSS property to change the background color of an element to Hex 817B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817B00 }
```

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

```
.background{ background-color:#817B00 }
```

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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