

# Converting Colors

Hex(847700)

Have a look what the booklet for  
Hex(847700) contains.

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**Color**

**Hex(847700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	847700
RGB	132, 119, 0
RGB Percent	52%, 47%, 0%
CMY	0.4824, 0.5333, 1.0000
CMYK	0.00, 0.10, 1.00, 0.48
HSL	54°, 100%, 26%
HSV	54°, 100%, 52%
XYZ	16.1125, 18.0992, 2.6443
YIQ	109.3210, 45.9470, -34.2530

# Conversions

## Conversions Part 2

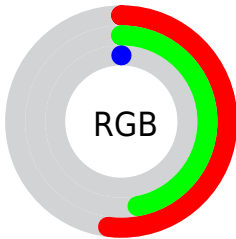
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 132, 0
Decimal	8681216
CIE <sub>Lab</sub>	49.62, -6.11, 55.21
CIE <sub>LCh</sub>	50, 55.550, 96.310
Yxy	18.0992, 0.4372, 0.4911
Android (android.graphics.Color)	4286871296 (0xFF847700)
YUV	109.3210, -53.8953, 19.8895
Hunter-Lab	42.5431, -6.8464, 26.0950

# Details

The Hex color **847700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000D84**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BDAB40**, and **4E4700** is the 20% darker color. If you saturate the color by 10%, you get **847700**, and if you desaturate by 10%, it is **84780D**.

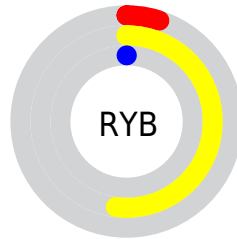
# Distribution



Red (52%)

Green (47%)

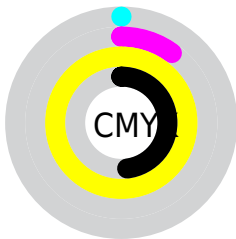
Blue (0%)



Red (5%)

Yellow (52%)

Blue (0%)

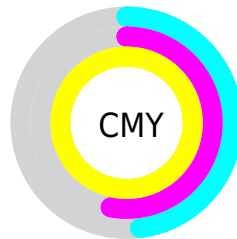


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847700 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 847700 by changing the saturation by 10% instead.



 847700

 847700

FFFFFF

 695E00

 BDAB40

 4E4700

 DAC65B

 343100

 F7E275

 1C1C00

 FFFE90

 000000

 FFFFAC

 FFFFC8

 FFFFEE

 847700

 84780D

 847A1A

 847B28

 847C35

 847E42

 847F4F

 84805C

 84816A

 848377

# Harmonies

## Analogous

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



AB6619



847700



528322

# Triad

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



847700



008BAD



B6509D

# Complementary

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



847700



000D84

# 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.



8465C3



847700



0085CC

# Square

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



847700



008C7F



0078D4



CA466E

# Rectangle

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



847700



1A883E



0078D4



A956AB



# Sweetspot

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



847700



ABA678



84000D



575437



D6D6D6



575757



# Same Dimension

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



847700



AB9A00



4F8400



42423C



827500



030200



# Inverse Universe

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



000D84



0011AB



350084



3C3C42



000D82

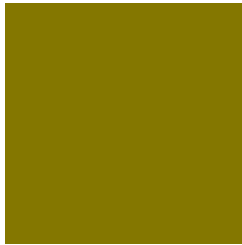


000003



# Previews

## White Background



This preview shows how the Hex color 847700 looks on a white background.

## Color Contrast Check

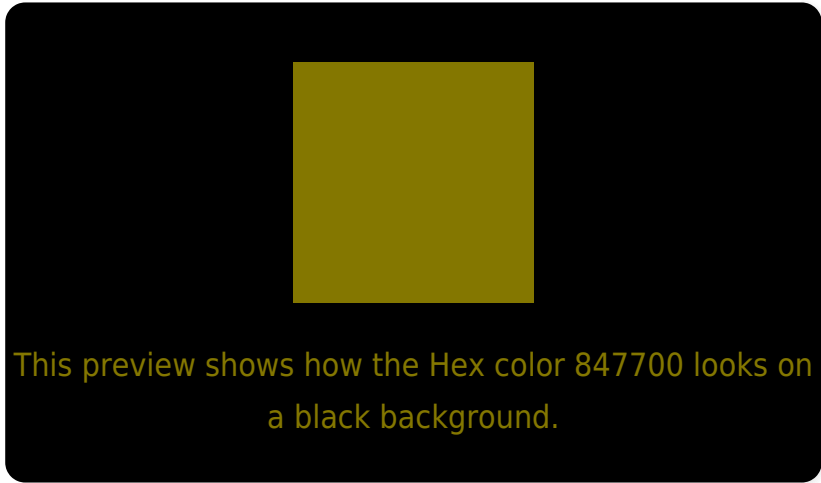
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 847700 Background



This preview shows how black text looks on a background with the Hex color 847700.



This preview shows how white text looks on a background with the Hex color 847700.

# 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**  
847700

**Protanopia**  
857700

**Deuteranopia**  
95700F



**Tritanopia**  
8B6F77

# Trichromacy



**Original Color**  
847700

**Protanomaly**  
857700

**Deuteranomaly**  
8F730A

**Tritanomaly**  
88724C

# Monochromacy



**Original Color**  
847700

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
757145

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847700 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 #847700 looks like.

```
.text, #text, p{  
    color:#847700  
}
```

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 #847700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847700
}
```

## Border

The CSS property to change the border of an element to Hex 847700 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
#847700 }
```

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

```
.border{ border-color:#847700 }
```

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

Here you see how a box with a 4 pixel #847700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847700; -webkit-box-shadow:4px 4px  
4px 4px #847700; box-shadow:4px 4px 4px  
4px #847700 }
```

# Background

The CSS property to change the background color of an element to Hex 847700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847700 }
```

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

```
.background{ background-color:#847700 }
```

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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