

Converting Colors

Hex(847A02)

Have a look what the booklet for
Hex(847A02) contains.

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Color

Hex(847A02)

Conversions

Conversions Part 1

Format	Color
Hex	847A02
RGB	132, 122, 2
RGB Percent	52%, 48%, 1%
CMY	0.4824, 0.5216, 0.9922
CMYK	0.00, 0.08, 0.98, 0.48
HSL	55°, 97%, 26%
HSV	55°, 98%, 52%
XYZ	16.4862, 18.8290, 2.8229
YIQ	111.3100, 44.4800, -35.2000

Conversions

Conversions Part 2

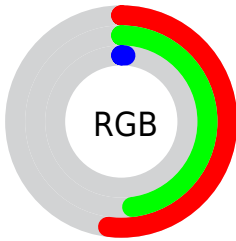
Format	Color
R_{YB}	13, 132, 2
Decimal	8681986
CIE _{Lab}	50.49, -7.73, 55.44
CIE _{LCh}	50, 55.975, 97.942
Yxy	18.8290, 0.4323, 0.4937
Android (android.graphics.Color)	4286872066 (0xFF847A02)
YUV	111.3100, -53.8898, 18.1451
Hunter-Lab	43.3924, -8.1186, 26.5176

Details

The Hex color **847A02** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **020C84**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BCAE42**, and **4F4A00** is the 20% darker color. If you saturate the color by 10%, you get **847A00**, and if you desaturate by 10%, it is **847B0F**.

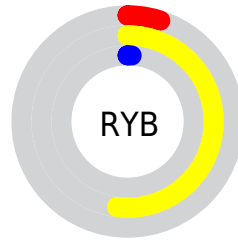
Distribution



Red (52%)

Green (48%)

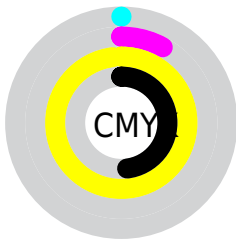
Blue (1%)



Red (5%)

Yellow (52%)

Blue (1%)

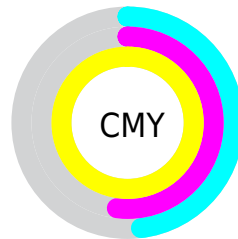


Cyan (0%)

Magenta (8%)

Yellow (98%)

Black (48%)



Cyan (48%)

Magenta (52%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 847A02 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 847A02 by changing the saturation by 10% instead.



847A02



847A02

FFFFFF



696100



BC4E42



4F4A00



DAC95C



343400



F7E577



1C1F00



FFFF92



000300



FFFFAD



000000



FFFPCA



FFFEE6



847A02



847A02

■ 847A00

■ 847B0F

■ 847C1C

■ 847D2A

■ 847E37

■ 847F44

■ 848051

■ 84815E

■ 84826C

■ 848379

Harmonies

Analogous

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



AC6919



847A02



518625

Triad

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



847A02



008DB2



BB519D

Complementary

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



847A02



020C84

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.



8A66C4



847A02



0087D0

Square

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



847A02



008E84



0F7AD7



CD486D

Rectangle

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



847A02



128A43



0F7AD7



AE57AC

Sweetspot

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



847A02



ABA778



84020D



575437



D6D6D6



575757

Same Dimension

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



847A02



AB9E00



4E8402



42423C



827800



030200

Inverse Universe

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



020C84



000DAB



380284



3C3C42



000A82



000003

Previews

White Background



This preview shows how the Hex color 847A02 looks on a white background.

Color Contrast Check

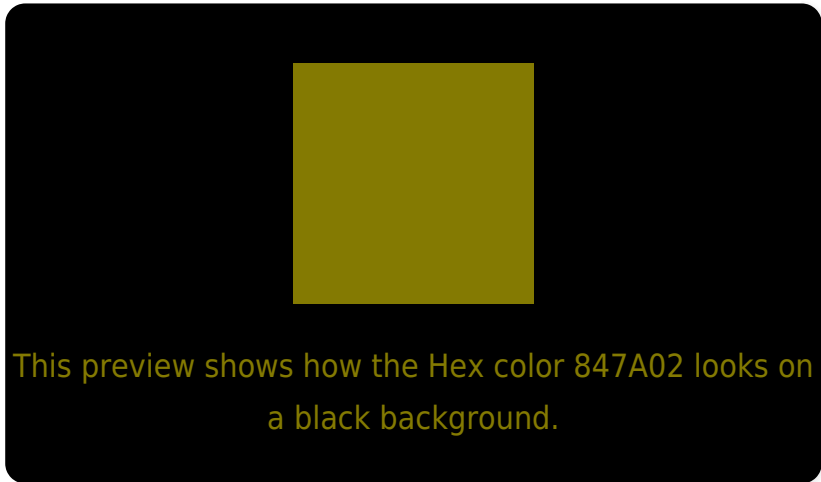
Large Text (above 18pt) WCAG AA ✓ Pass

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 847A02 Background



This preview shows how black text looks on a background with the Hex color 847A02.

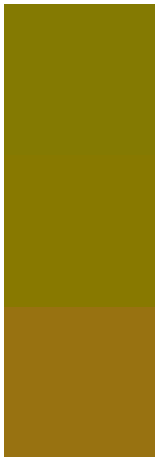


This preview shows how white text looks on a background with the Hex color 847A02.

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
847A02

Protanopia
887900

Deuteranopia
987211



Tritanopia
8B717A

Trichromacy



Original Color
847A02

Protanomaly
877901

Deuteranomaly
91750C

Tritanomaly
88744E

Monochromacy



Original Color
847A02

Achromatopsia
6F6F6F

Achromatomaly
777347

CSS Examples

Text

The CSS property to change the color of the text to Hex 847A02 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 #847A02 looks like.

```
.text, #text, p{  
    color:#847A02  
}
```

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 #847A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847A02
}
```

Border

The CSS property to change the border of an element to Hex 847A02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

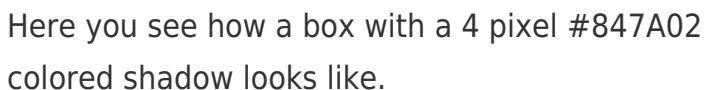
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847A02 }
```

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

```
.border{ border-color:#847A02 }
```

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



Here you see how a box with a 4 pixel #847A02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847A02; -webkit-box-shadow:4px 4px  
4px 4px #847A02; box-shadow:4px 4px 4px  
4px #847A02 }
```

Background

The CSS property to change the background color of an element to Hex 847A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847A02 }
```

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

```
.background{ background-color:#847A02 }
```

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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