

Converting Colors

Hex(837C0B)

Have a look what the booklet for
Hex(837C0B) contains.

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Color

Hex(837C0B)

Conversions

Conversions Part 1

Format	Color
Hex	837C0B
RGB	131, 124, 11
RGB Percent	51%, 49%, 4%
CMY	0.4863, 0.5137, 0.9569
CMYK	0.00, 0.05, 0.92, 0.49
HSL	57°, 85%, 28%
HSV	57°, 92%, 51%
XYZ	16.6281, 19.2648, 3.1587
YIQ	113.2110, 40.4450, -33.6590

Conversions

Conversions Part 2

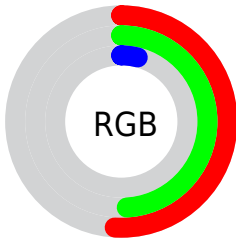
Format	Color
RYB	18, 131, 11
Decimal	8616971
CIELab	51.00, -9.13, 54.06
CIElCh	51, 54.822, 99.587
Yxy	19.2648, 0.4258, 0.4933
Android (android.graphics.Color)	4286807051 (0xFF837C0B)
YUV	113.2110, -50.3900, 15.6010
Hunter-Lab	43.8916, -9.1865, 26.4573

Details

The Hex color **837C0B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B1283**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BBB046**, and **4E4C00** is the 20% darker color. If you saturate the color by 10%, you get **837B00**, and if you desaturate by 10%, it is **837D18**.

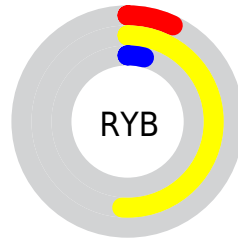
Distribution



Red (51%)

Green (49%)

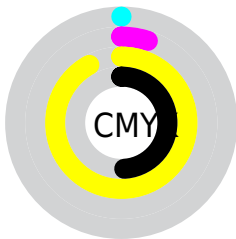
Blue (4%)



Red (7%)

Yellow (51%)

Blue (4%)

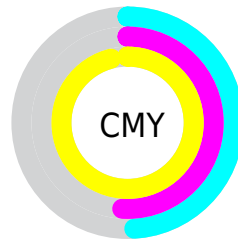


Cyan (0%)

Magenta (5%)

Yellow (92%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837C0B 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 837C0B by changing the saturation by 10% instead.



837C0B



837C0B

FFFFFF



686300



BBB046



4E4C00



D8CC61



343500



F6E87B



1B2000



FFFF96



000700



FFFFB2



000000



FFFCE



FFFEB



837C0B



837C0B

■ 837B00

■ 837D18

■ 837E25

■ 837E32

■ 837F3F

■ 83804D

■ 83815A

■ 838167

■ 838274

■ 838381

Harmonies

Analogous

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



AB6B1B



837C0B



50872B

Triad

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



837C0B



008EB4



BD529B

Complementary

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



837C0B



0B1283

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.



8F66C2



837C0B



0087D1

Square

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



837C0B



009088



2B7AD6



CE4C6C

Rectangle

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



837C0B



108C47



2B7AD6



B158AA

Sweetspot

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



837C0B



ABA87D



830B13



57553B



D6D6D6



575757

Same Dimension

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



837C0B



ABA100



4F830B



42423C



827A00



030200

Inverse Universe

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



0B1283



000AAB



3F0B83



3C3C42



000882



000003

Previews

White Background



This preview shows how the Hex color 837C0B looks on a white background.

Color Contrast Check

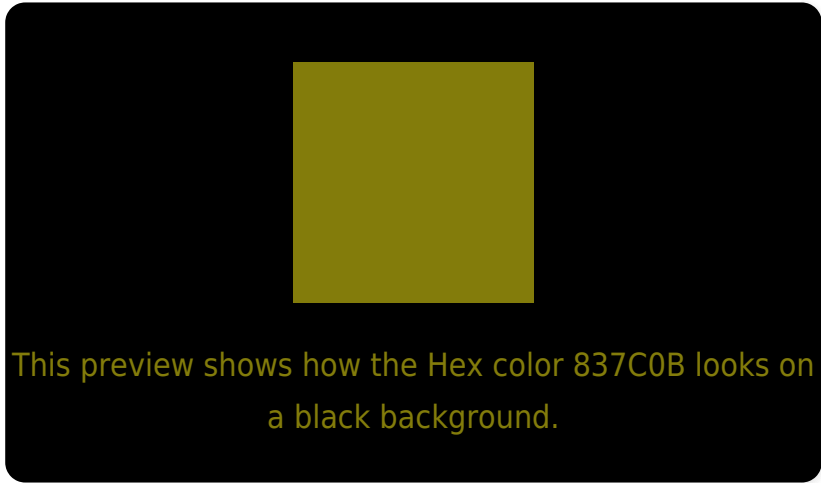
Large Text (above 18pt) WCAG AA ✓ Pass

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

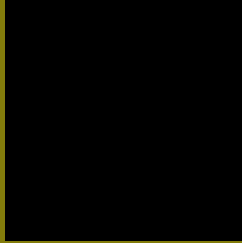
Any Text WCAG AA ✓ Pass

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 837C0B Background



This preview shows how black text looks on a background with the Hex color 837C0B.



This preview shows how white text looks on a background with the Hex color 837C0B.

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
837C0B

Protanopia
897A0A

Deuteranopia
997314



Tritanopia
8B737C

Trichromacy



Original Color
837C0B

Protanomaly
877B0A

Deuteranomaly
917611

Tritanomaly
887653

Monochromacy



Original Color
837C0B

Achromatopsia
717171

Achromatomaly
78754C

CSS Examples

Text

The CSS property to change the color of the text to Hex 837C0B 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 #837C0B looks like.

```
.text, #text, p{  
    color:#837C0B  
}
```

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 #837C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837C0B
}
```

Border

The CSS property to change the border of an element to Hex 837C0B 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
#837C0B }
```

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

```
.border{ border-color:#837C0B }
```

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

Here you see how a box with a 4 pixel #837C0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837C0B; -webkit-box-shadow:4px 4px  
4px 4px #837C0B; box-shadow:4px 4px 4px  
4px #837C0B }
```

Background

The CSS property to change the background color of an element to Hex 837C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837C0B }
```

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

```
.background{ background-color:#837C0B }
```

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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