

Converting Colors

Hex(83850B)

Have a look what the booklet for
Hex(83850B) contains.

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Color

Hex(83850B)

Conversions

Conversions Part 1

Format	Color
Hex	83850B
RGB	131, 133, 11
RGB Percent	51%, 52%, 4%
CMY	0.4863, 0.4784, 0.9569
CMYK	0.02, 0.00, 0.92, 0.48
HSL	61°, 85%, 28%
HSV	61°, 92%, 52%
XYZ	17.8080, 21.6245, 3.5520
YIQ	118.4940, 37.9700, -38.3660

Conversions

Conversions Part 2

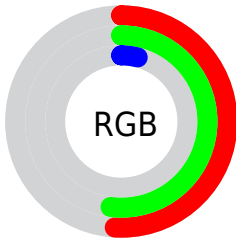
Format	Color
R_{YB}	11, 133, 13
Decimal	8619275
CIE _{Lab}	53.63, -14.01, 56.14
CIE _{LCh}	54, 57.861, 104.008
Y _{xy}	21.6245, 0.4143, 0.5031
Android (android.graphics.Color)	4286809355 (0xFF83850B)
YUV	118.4940, -52.9945, 10.9678
Hunter-Lab	46.5022, -13.0222, 28.0228

Details

The Hex color **83850B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0D0B85**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BBBA48**, and **4E5400** is the 20% darker color. If you saturate the color by 10%, you get **838500**, and if you desaturate by 10%, it is **838518**.

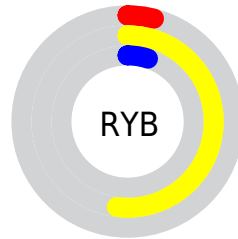
Distribution



Red (51%)

Green (52%)

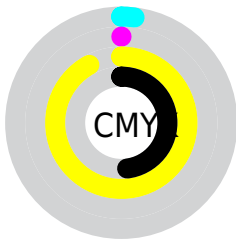
Blue (4%)



Red (4%)

Yellow (52%)

Blue (5%)

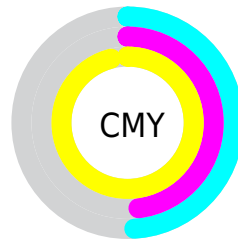


Cyan (2%)

Magenta (0%)

Yellow (92%)

Black (48%)



Cyan (49%)

Magenta (48%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83850B 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 83850B by changing the saturation by 10% instead.



83850B



83850B

FFFFFF



686C00



BBBA48



4E5400



D8D563



333D00



F6F27D



1A2700



FFFF99



001400



FFFFB4



000000



FFFFD1



FFFEE



83850B



83850B

■ 838500

■ 838518

■ 838526

■ 848533

■ 848540

■ 84854E

■ 84855B

■ 858568

■ 858575

■ 858583

Harmonies

Analogous

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



AF7415



83850B



499033

Triad

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



83850B



0095C5



CC549D

Complementary

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



83850B



0D0B85

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.



A068C8



83850B



008DE0

Square

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



83850B



009897



457EE1



DA506B

Rectangle

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



83850B



009452



457EE1



C15AAD

Sweetspot

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



83850B



ADAD7D



850B0B



565739



D6D6D6



575757

Same Dimension

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



83850B



ABAD00



48850B



42423C



808200



030300

Inverse Universe

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



0D0B85



0300AD



480B85



3C3C42



020082



000003

Previews

White Background



This preview shows how the Hex color 83850B looks on a white background.

Color Contrast Check

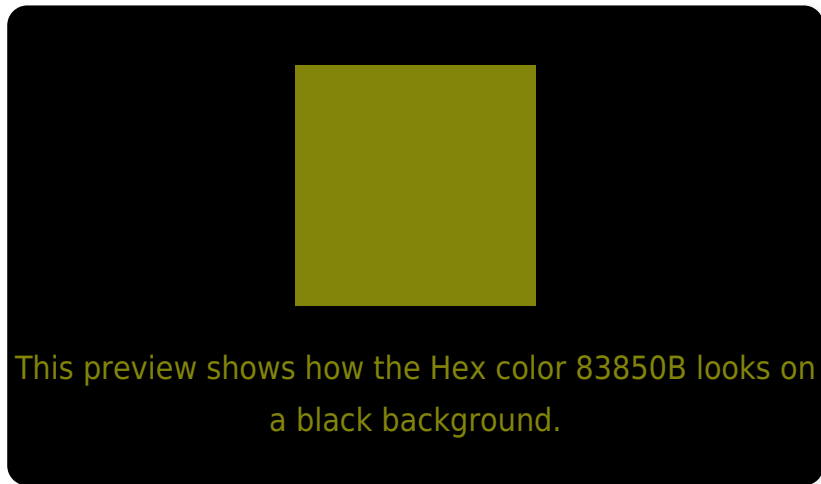
Large Text (above 18pt) WCAG AA ✓ Pass

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

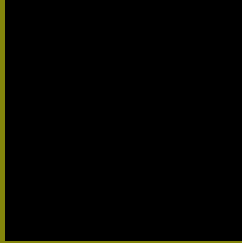
Any Text WCAG AA ✓ Pass

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 83850B Background



This preview shows how black text looks on a background with the Hex color 83850B.



This preview shows how white text looks on a background with the Hex color 83850B.

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
83850B

Protanopia
918009

Deuteranopia
A27A17



Tritanopia
8C7C85

Trichromacy



Original Color
83850B

Protanomaly
8C820A

Deuteranomaly
977E13

Tritanomaly
897F59

Monochromacy



Original Color
83850B

Achromatopsia
767676

Achromatomaly
7B7B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 83850B 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 #83850B looks like.

```
.text, #text, p{  
    color:#83850B  
}
```

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 #83850B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83850B
}
```

Border

The CSS property to change the border of an element to Hex 83850B 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
#83850B }
```

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

```
.border{ border-color:#83850B }
```

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

Here you see how a box with a 4 pixel #83850B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83850B; -webkit-box-shadow:4px 4px  
4px 4px #83850B; box-shadow:4px 4px 4px  
4px #83850B }
```

Background

The CSS property to change the background color of an element to Hex 83850B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83850B }
```

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

```
.background{ background-color:#83850B }
```

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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