

Converting Colors

Hex(833A00)

Have a look what the booklet for
Hex(833A00) contains.

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Color

Hex(833A00)

Conversions

Conversions Part 1

Format	Color
Hex	833A00
RGB	131, 58, 0
RGB Percent	51%, 23%, 0%
CMY	0.4863, 0.7725, 1.0000
CMYK	0.00, 0.56, 1.00, 0.49
HSL	27°, 100%, 26%
HSV	27°, 100%, 51%
XYZ	10.8731, 7.8514, 0.9424
YIQ	73.2150, 62.1260, -2.5620

Conversions

Conversions Part 2

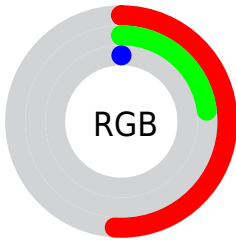
Format	Color
R_YB	131, 104, 0
Decimal	8600064
CIE Lab	33.67, 28.62, 44.57
CIE LCh	34, 52.972, 57.296
Yxy	7.8514, 0.5529, 0.3992
Android (android.graphics.Color)	4286790144 (0xFF833A00)
YUV	73.2150, -36.0950, 50.6774
Hunter-Lab	28.0204, 20.2302, 17.6202

Details

The Hex color **833A00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **004983**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **BE6B33**, and **4A0A00** is the 20% darker color. If you saturate the color by 10%, you get **833A00**, and if you desaturate by 10%, it is **83410D**.

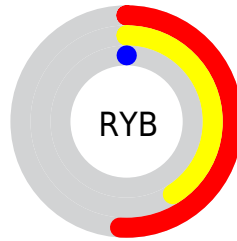
Distribution



Red (51%)

Green (23%)

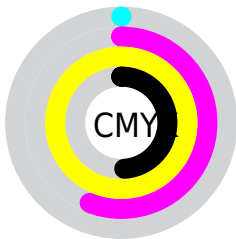
Blue (0%)



Red (51%)

Yellow (41%)

Blue (0%)

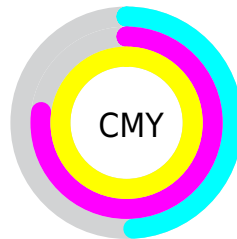


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833A00 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 833A00 by changing the saturation by 10% instead.

 833A00

 833A00

 FFFFEC

 672300

 BE6B33

 4A0A00


 DC854B

 300000

 FB9F64

 030000

 FFBA7E

 000000

 FFD698

 FFF3B3

 FFFFCE

 833A00

 83410D

 83491A

 835027

 835734

 835E42

 83664F

 836D5C

 837469

 837C76

Harmonies

Analogous

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



95242C



833A00



644C00

Triad

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



833A00



00614A



42469B

Complementary

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



833A00



004983

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.



0056A4



833A00



006175

Square

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



833A00



005E1E



005E96



7D2F7D

Rectangle

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



833A00



4A5500



005E96



144CA0

Sweetspot

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



833A00



AB8E78



83004A



574537



D6D6D6



575757

Same Dimension

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



833A00



AB4C00



837A00



423F3C



823A00



030100

Inverse Universe

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



004983



005FAB



000983



3C3F42



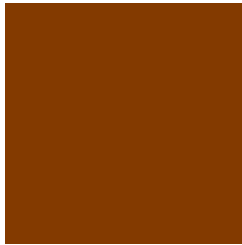
004882



000103

Previews

White Background



This preview shows how the Hex color 833A00 looks on a white background.

Color Contrast Check

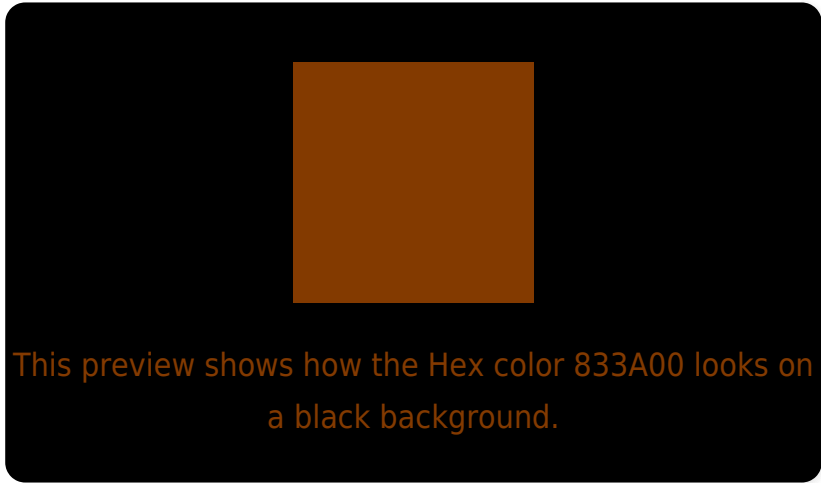
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

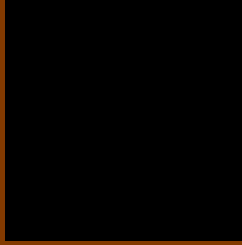
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 833A00 Background



This preview shows how black text looks on a background with the Hex color 833A00.



This preview shows how white text looks on a background with the Hex color 833A00.

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
833A00

Protanopia
5A500C

Deuteranopia
654C00



Tritanopia
853639

Trichromacy



Original Color
833A00

Protanomaly
694808

Deuteranomaly
704500

Tritanomaly
843724

Monochromacy



Original Color
833A00

Achromatopsia
494949

Achromatomaly
5E442E

CSS Examples

Text

The CSS property to change the color of the text to Hex 833A00 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 #833A00 looks like.

```
.text, #text, p{  
    color:#833A00  
}
```

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 #833A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833A00
}
```

Border

The CSS property to change the border of an element to Hex 833A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

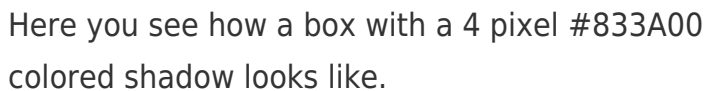
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833A00 }
```

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

```
.border{ border-color:#833A00 }
```

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



Here you see how a box with a 4 pixel #833A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833A00; -webkit-box-shadow:4px 4px  
4px 4px #833A00; box-shadow:4px 4px 4px  
4px #833A00 }
```

Background

The CSS property to change the background color of an element to Hex 833A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833A00 }
```

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

```
.background{ background-color:#833A00 }
```

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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