

Converting Colors

Hex(833600)

Have a look what the booklet for
Hex(833600) contains.

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Color

Hex(833600)

Conversions

Conversions Part 1

Format	Color
Hex	833600
RGB	131, 54, 0
RGB Percent	51%, 21%, 0%
CMY	0.4863, 0.7882, 1.0000
CMYK	0.00, 0.59, 1.00, 0.49
HSL	25°, 100%, 26%
HSV	25°, 100%, 51%
XYZ	10.6792, 7.4636, 0.8778
YIQ	70.8670, 63.2260, -0.4700

Conversions

Conversions Part 2

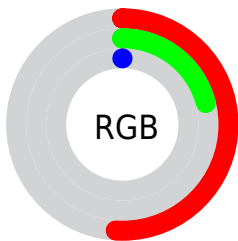
Format	Color
RYB	131, 92, 0
Decimal	8599040
CIELab	32.84, 30.75, 44.07
CIELCh	33, 53.736, 55.089
Yxy	7.4636, 0.5615, 0.3924
Android (android.graphics.Color)	4286789120 (0xFF833600)
YUV	70.8670, -34.9374, 52.7366
Hunter-Lab	27.3196, 21.9662, 17.2188

Details

The Hex color **833600** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **004D83**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BE6732**, and **4A0400** is the 20% darker color. If you saturate the color by 10%, you get **833600**, and if you desaturate by 10%, it is **833E0D**.

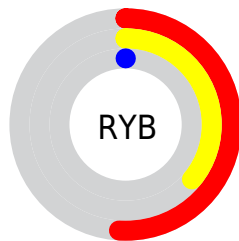
Distribution



Red (51%)

Green (21%)

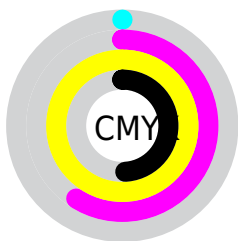
Blue (0%)



Red (51%)

Yellow (36%)

Blue (0%)

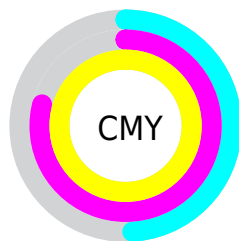


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833600 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 833600 by changing the saturation by 10% instead.

 833600

 833600

 FFFFEB

 661E00

 BE6732

 4A0400

 DC814A

 300000

 FB9B63

 000000

 FFB67D

 FFD297

 FFEFB2

 FFFFCE

 833600

 833E0D

 83451A

 834D27

 835534

 835D42

 83644F

 836C5C

 837469

 837B76

Harmonies

Analogous

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



951E2C



833600



654900

Triad

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



833600



005F45



38459B

Complementary

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



833600



004D83

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.



0055A3



833600



005F70

Square

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



833600



005C17



005D93



782E7E

Rectangle

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



833600



4B5200



005D93



004BA0

Sweetspot

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



833600



AB8D78



83004F



574437



D6D6D6



575757

Same Dimension

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



833600



AB4600



837600



423E3C



823600



030100

Inverse Universe

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



004D83



0064AB



000D83



3C4042



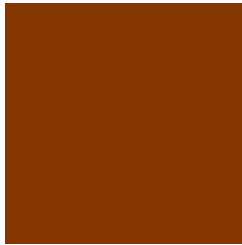
004C82



000103

Previews

White Background



This preview shows how the Hex color 833600 looks on a white background.

Color Contrast Check

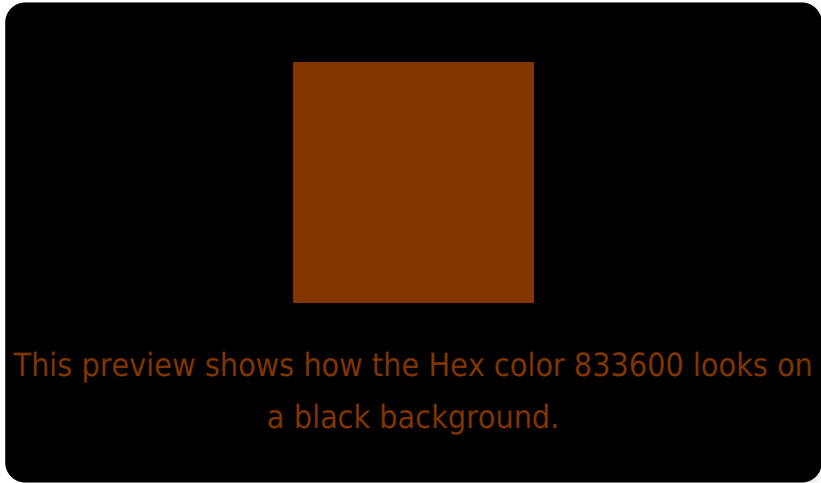
Large Text (above 18pt) WCAG AA ✓ Pass

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

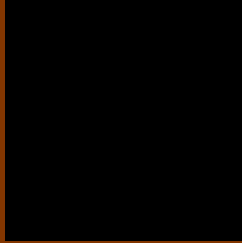
Any Text WCAG AA × Fail

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 833600 Background



This preview shows how black text looks on a background with the Hex color 833600.



This preview shows how white text looks on a background with the Hex color 833600.

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
833600

Protanopia
58F0D

Deuteranopia
634A00



Tritanopia
843235

Trichromacy



Original Color
833600

Protanomaly
684608

Deuteranomaly
6F4300

Tritanomaly
843322

Monochromacy



Original Color
833600

Achromatopsia
474747

Achromatomaly
5D412D

CSS Examples

Text

The CSS property to change the color of the text to Hex 833600 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 #833600 looks like.

```
.text, #text, p{  
    color:#833600  
}
```

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 #833600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833600
}
```

Border

The CSS property to change the border of an element to Hex 833600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

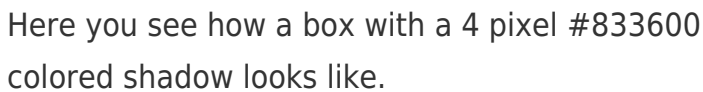
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833600 }
```

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

```
.border{ border-color:#833600 }
```

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



Here you see how a box with a 4 pixel #833600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833600; -webkit-box-shadow:4px 4px  
4px 4px #833600; box-shadow:4px 4px 4px  
4px #833600 }
```

Background

The CSS property to change the background color of an element to Hex 833600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833600 }
```

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

```
.background{ background-color:#833600 }
```

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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