

Converting Colors

Hex(855833)

Have a look what the booklet for
Hex(855833) contains.

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Color

Hex(855833)

Conversions

Conversions Part 1

Format	Color
Hex	855833
RGB	133, 88, 51
RGB Percent	52%, 35%, 20%
CMY	0.4784, 0.6549, 0.8000
CMYK	0.00, 0.34, 0.62, 0.48
HSL	27°, 45%, 36%
HSV	27°, 62%, 52%
XYZ	13.7601, 12.2050, 4.7625
YIQ	97.2370, 38.6970, -1.9670

Conversions

Conversions Part 2

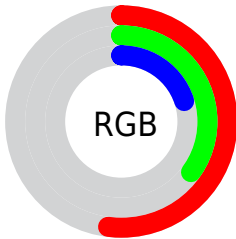
Format	Color
R_{YB}	133, 118, 51
Decimal	8738867
CIE _{Lab}	41.54, 14.52, 28.74
CIE _{LCh}	42, 32.201, 63.190
Yxy	12.2050, 0.4478, 0.3972
Android (android.graphics.Color)	4286928947 (0xFF855833)
YUV	97.2370, -22.7948, 31.3642
Hunter-Lab	34.9357, 9.1685, 16.3724

Details

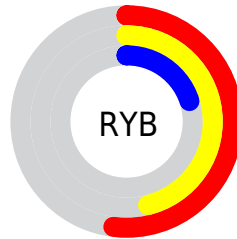
The Hex color **855833** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **336085**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **BD8A62**, and **502A05** is the 20% darker color. If you saturate the color by 10%, you get **855126**, and if you desaturate by 10%, it is **855F40**.

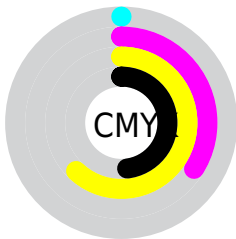
Distribution



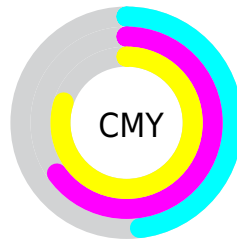
- Red (52%)
- Green (35%)
- Blue (20%)



- Red (52%)
- Yellow (46%)
- Blue (20%)



- Cyan (0%)
- Magenta (34%)
- Yellow (62%)
- Black (48%)



- Cyan (48%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 855833 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 855833 by changing the saturation by 10% instead.

 855833

 855833

FFFFFF

 6A411D

 BD8A62

 502A05

 DAA47C

 371500

 F7C096

 200000

 FFDBB1

 000000

 FFF8CC

 FFFFE8

 855833

 855833

 855126

 855F40

■ 854918

■ 85674E

■ 85420B

■ 856E5B

■ 853C00

■ 857568

■ 857C76

■ 858483

■ 858B90

■ 85929D

■ 859AAB

Harmonies

Analogous

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



924F46



855833



6F612C

Triad

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



855833



007064



685A8E

Complementary

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



855833



336085

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.



3A6497



855833



006F7E

Square

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



855833



316E49



006B91



85507A

Rectangle

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



855833



5D6730



006B91



5B5D93

Sweetspot

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



855833



AD9C8E



853360



574C44



D6D6D6



575757

Same Dimension

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



855833



AD672D



858133



423F3C



823B00



030100

Inverse Universe

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



336085



2D74AD



333785



3C3F42



004782



000103

Previews

White Background



This preview shows how the Hex color 855833 looks on a white background.

Color Contrast Check

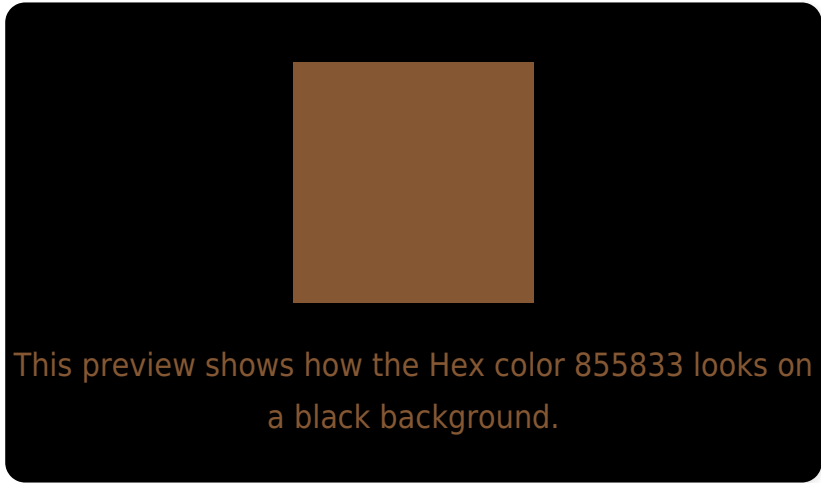
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

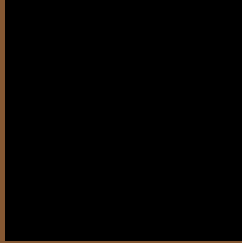
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 855833 Background



This preview shows how black text looks on a background with the Hex color 855833.



This preview shows how white text looks on a background with the Hex color 855833.

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
855833

Protanopia
6C6237

Deuteranopia
795E32



Tritanopia
88535A

Trichromacy



Original Color
855833

Protanomaly
755E36

Deuteranomaly
7D5C32

Tritanomaly
87554C

Monochromacy



Original Color
855833

Achromatopsia
616161

Achromatomaly
6E5E50

CSS Examples

Text

The CSS property to change the color of the text to Hex 855833 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 #855833 looks like.

```
.text, #text, p{  
    color:#855833  
}
```

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 #855833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855833
}
```

Border

The CSS property to change the border of an element to Hex 855833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

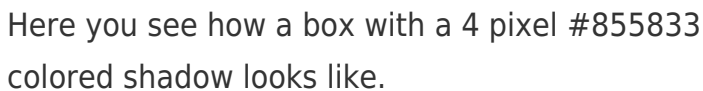
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855833 }
```

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

```
.border{ border-color:#855833 }
```

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



Here you see how a box with a 4 pixel #855833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855833; -webkit-box-shadow:4px 4px  
4px 4px #855833; box-shadow:4px 4px 4px  
4px #855833 }
```

Background

The CSS property to change the background color of an element to Hex 855833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855833 }
```

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

```
.background{ background-color:#855833 }
```

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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