

# Converting Colors

Hex(833D4A)

Have a look what the booklet for  
Hex(833D4A) contains.

|  |    |
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# Color

**Hex(833D4A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 833D4A                    |
| RGB           | 131, 61, 74               |
| RGB Percent   | 51%, 24%, 29%             |
| CMY           | 0.4863, 0.7608, 0.7098    |
| CMYK          | 0.00, 0.53, 0.44, 0.49    |
| HSL           | 349°, 36%, 38%            |
| HSV           | 349°, 53%, 51%            |
| XYZ           | 12.2648, 8.6572, 7.5031   |
| YIQ           | 83.4120, 37.5470, 18.8830 |

# Conversions

## Conversions Part 2

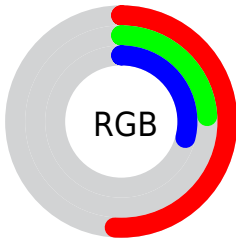
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">131, 61, 74</a>                   |
| Decimal                             | <a href="#">8600906</a>                       |
| CIELab                              | <a href="#">35.32, 31.48, 6.48</a>            |
| CIElCh                              | <a href="#">35, 32.136, 11.632</a>            |
| Yxy                                 | <a href="#">8.6572, 0.4315,<br/>0.3046</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4286790986<br/>(0xFF833D4A)</a>   |
| YUV                                 | <a href="#">83.4120, -4.6401,<br/>41.7347</a> |
| Hunter-Lab                          | <a href="#">29.4231, 22.9162,<br/>5.4767</a>  |

# Details

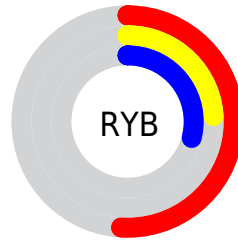
The Hex color **833D4A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D8376**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BB6F7B**, and **4E0C1F** is the 20% darker color. If you saturate the color by 10%, you get **83303F**, and if you desaturate by 10%, it is **834A55**.

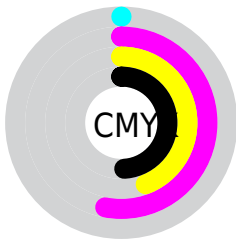
# Distribution



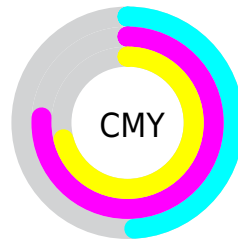
- Red (51%)
- Green (24%)
- Blue (29%)



- Red (51%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (44%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833D4A 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 833D4A by changing the saturation by 10% instead.



 833D4A

 833D4A

FFFFFF

 682534

 BB6F7B

 4E0C1F

 D78994

 360005

 F5A3AF

 180001

 FFBFCA

 000000

 FFD8E6

 FFF8FF

 833D4A

 833D4A

 83303F

 834A55

 832335

 83575F

 83162A

 83646A

 83091F

 837175

 830018

 837F7F

 838C8A

 839995

 83A69F

 83B3AA

# Harmonies

## Analogous

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



7A3F64



833D4A



7E4332

# Triad

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



833D4A



3C5B2B



005A83

# Complementary

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



833D4A



3D8376

# 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.



005F74



833D4A



105F42

# Square

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



833D4A



58551E



00605D



395285

# Rectangle

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



833D4A



754926



00605D



005C80



# Sweetspot

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



833D4A



AB9095



753D83



574649



D6D6D6



575757



# Same Dimension

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



833D4A



AB3E52



83523D



423C3D



820018



030000



# Inverse Universe

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



833D4A



AB3E52



3D6E83



423C3D



820018

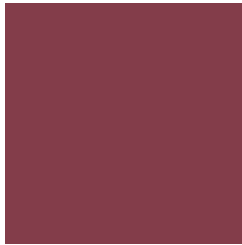


030000



# Previews

## White Background



This preview shows how the Hex color 833D4A 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

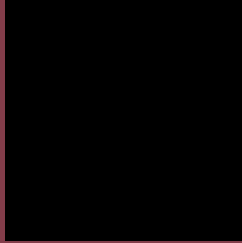
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 833D4A Background



This preview shows how black text looks on a background with the Hex color 833D4A.

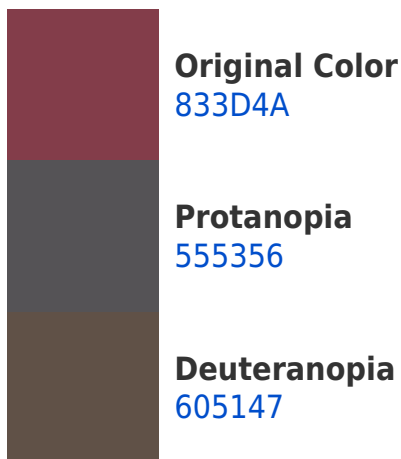


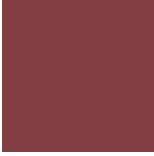
This preview shows how white text looks on a background with the Hex color 833D4A.

# 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





**Tritanopia**  
823E43

# Trichromacy



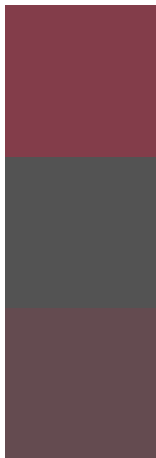
**Original Color**  
833D4A

**Protanomaly**  
664B52

**Deuteranomaly**  
6D4A48

**Tritanomaly**  
823E46

# Monochromacy



**Original Color**  
833D4A

**Achromatopsia**  
535353

**Achromatomaly**  
644B50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833D4A 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 #833D4A looks like.

```
.text, #text, p{  
    color:#833D4A  
}
```

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 #833D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833D4A
}
```

## Border

The CSS property to change the border of an element to Hex 833D4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

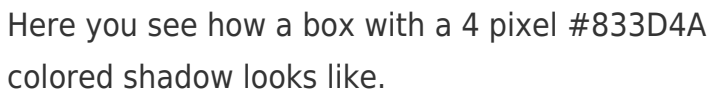
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833D4A }
```

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

```
.border{ border-color:#833D4A }
```

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



Here you see how a box with a 4 pixel #833D4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833D4A; -webkit-box-shadow:4px 4px  
4px 4px #833D4A; box-shadow:4px 4px 4px  
4px #833D4A }
```

# Background

The CSS property to change the background color of an element to Hex 833D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833D4A }
```

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

```
.background{ background-color:#833D4A }
```

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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