

# Converting Colors

Hex(832E33)

Have a look what the booklet for  
Hex(832E33) contains.

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**Color**

**Hex(832E33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	832E33
RGB	131, 46, 51
RGB Percent	51%, 18%, 20%
CMY	0.4863, 0.8196, 0.8000
CMYK	0.00, 0.65, 0.61, 0.49
HSL	356°, 48%, 35%
HSV	356°, 65%, 51%
XYZ	10.9346, 7.0183, 3.9103
YIQ	71.9850, 49.0550, 19.5750

# Conversions

## Conversions Part 2

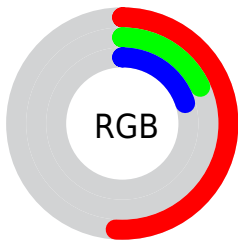
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 46, 51
Decimal	8597043
CIE <sub>Lab</sub>	31.85, 36.93, 16.51
CIE <sub>LCh</sub>	32, 40.458, 24.088
Yxy	7.0183, 0.5001, 0.3210
Android (android.graphics.Color)	4286787123 (0xFF832E33)
YUV	71.9850, -10.3456, 51.7562
Hunter-Lab	26.4921, 27.3148, 9.7931

# Details

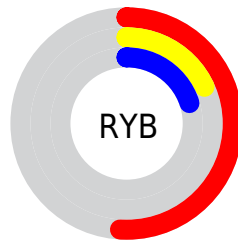
The Hex color **832E33** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E837E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **BC6061**, and **4C0006** is the 20% darker color. If you saturate the color by 10%, you get **832127**, and if you desaturate by 10%, it is **833B3F**.

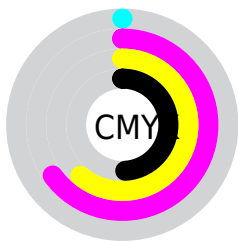
# Distribution



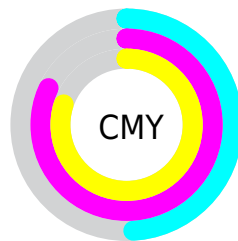
- Red (51%)
- Green (18%)
- Blue (20%)



- Red (51%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (61%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (80%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 832E33 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 832E33 by changing the saturation by 10% instead.



 832E33

 832E33

FFFFFF

 67141E

 BC6061

 4C0006

 DA7A7A

 330001

 F79594

 050000

 FF80AE

 000000

 FFCCCA

 FFE9E6

 832E33

 832E33

 832127

 833B3F

83141A

83484C

83070E

835558

830008

836264

837071

837D7D

838A89

839796

83A4A2

# Harmonies

## Analogous

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



802C53



832E33



773A17

# Triad

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



832E33



145723



00518A

# Complementary

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



832E33



2E837E

# 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.



00577E



832E33



005943

# Square

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



832E33



425107



005A64



3E4585

# Rectangle

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



832E33



684306



005A64



005388



# Sweetspot

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



832E33



AB8A8C



7D2E83



574344



D6D6D6



575757



# Same Dimension

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



832E33



AB262D



83532E



423C3C



820008



030000



# Inverse Universe

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



832E33



AB262D



2E5E83



423C3C



820008

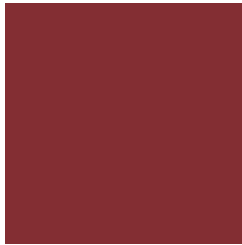


030000



# Previews

## White Background



This preview shows how the Hex color 832E33 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 832E33 Background



This preview shows how black text looks on a background with the Hex color 832E33.



This preview shows how white text looks on a background with the Hex color 832E33.

# 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](#).

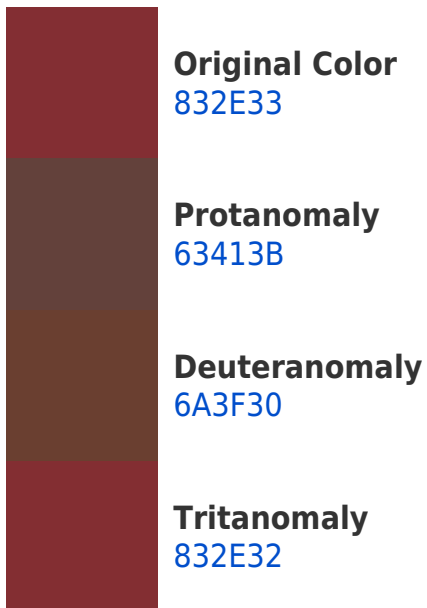
## Dichromacy



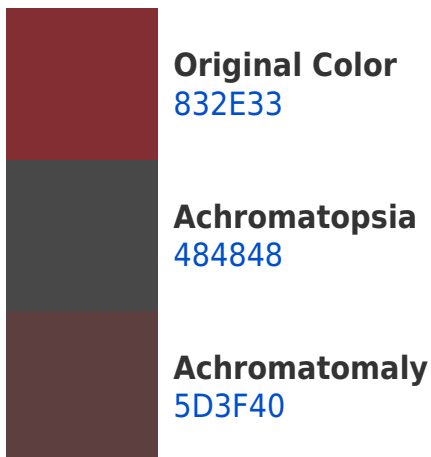


**Tritanopia**  
832E31

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 832E33 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 #832E33 looks like.

```
.text, #text, p{  
    color:#832E33  
}
```

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 #832E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #832E33
}
```

## Border

The CSS property to change the border of an element to Hex 832E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

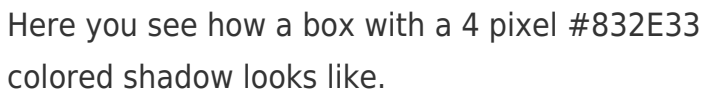
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#832E33 }
```

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

```
.border{ border-color:#832E33 }
```

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



Here you see how a box with a 4 pixel #832E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #832E33; -webkit-box-shadow:4px 4px  
4px 4px #832E33; box-shadow:4px 4px 4px  
4px #832E33 }
```

# Background

The CSS property to change the background color of an element to Hex 832E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#832E33 }
```

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

```
.background{ background-color:#832E33 }
```

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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