

Converting Colors

Hex(832E51)

Have a look what the booklet for
Hex(832E51) contains.

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Color

Hex(832E51)

Conversions

Conversions Part 1

Format	Color
Hex	832E51
RGB	131, 46, 81
RGB Percent	51%, 18%, 32%
CMY	0.4863, 0.8196, 0.6824
CMYK	0.00, 0.65, 0.38, 0.49
HSL	335°, 48%, 35%
HSV	335°, 65%, 51%
XYZ	11.8223, 7.3734, 8.5847
YIQ	75.4050, 39.4250, 28.9050

Conversions

Conversions Part 2

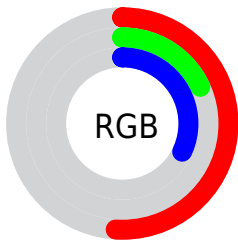
Format	Color
R_{YB}	131, 46, 81
Decimal	8597073
CIE _{Lab}	32.64, 39.92, -1.89
CIE _{LCh}	33, 39.968, 357.284
Yxy	7.3734, 0.4256, 0.2654
Android (android.graphics.Color)	4286787153 (0xFF832E51)
YUV	75.4050, 2.7583, 48.7568
Hunter-Lab	27.1539, 30.1958, 0.2633

Details

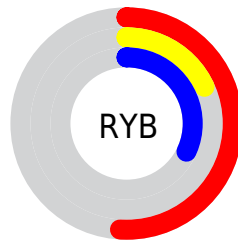
The Hex color **832E51** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2E8360**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BB6182**, and **4D0025** is the 20% darker color. If you saturate the color by 10%, you get **832149**, and if you desaturate by 10%, it is **833B59**.

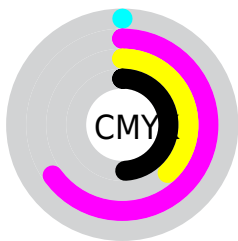
Distribution



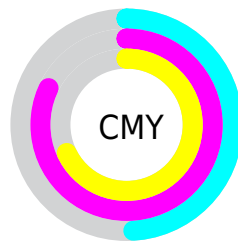
- Red (51%)
- Green (18%)
- Blue (32%)



- Red (51%)
- Yellow (18%)
- Blue (32%)



- Cyan (0%)
- Magenta (65%)
- Yellow (38%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 832E51 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 832E51 by changing the saturation by 10% instead.

 832E51

 832E51

FFFFFF

 68133A

 BB6182

 4D0025

 D87B9C

 35000F

 F596B7

 130000

 FFB1D3

 000000

 FFCDEF

 FFEAFF

 832E51

 832E51

 832149

 833B59

■ 831442

■ 834860

■ 83073A

■ 835568

■ 830036

■ 836270

■ 837078

■ 837D7F

■ 838A87

■ 83978F

■ 83A496

Harmonies

Analogous

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



70376F



832E51



843232

Triad

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



832E51



40530D



005881

Complementary

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



832E51



2E8360

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.



005B69



832E51



0F5929

Square

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



832E51



5F4A04



005B49



00518C

Rectangle

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



832E51



7C391F



005B49



005A7B

Sweetspot

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



832E51



AB8A98



602E83



57434B



D6D6D6



575757

Same Dimension

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



832E51



AB265C



83352E



423C3E



820036



030001

Inverse Universe

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



832E51



AB265C



2E7C83



423C3E



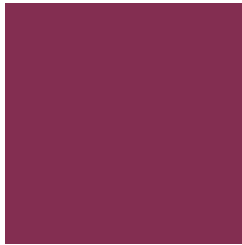
820036



030001

Previews

White Background



This preview shows how the Hex color 832E51 looks on a white background.

Color Contrast Check

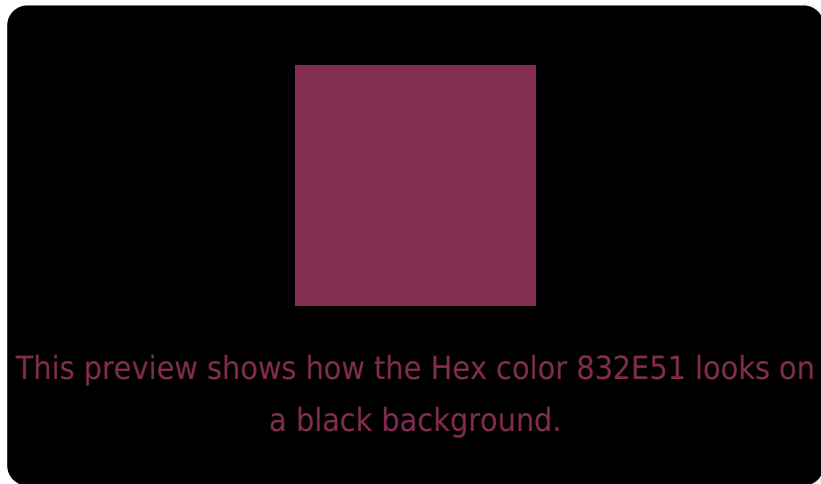
Large Text (above 18pt) WCAG AA ✓ Pass

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

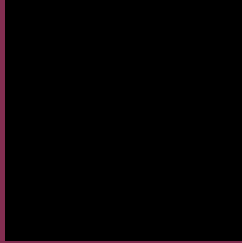
Any Text WCAG AA × Fail

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 832E51 Background



This preview shows how black text looks on a background with the Hex color 832E51.



This preview shows how white text looks on a background with the Hex color 832E51.

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
832E51

Protanopia
484D65

Deuteranopia
564B4D



Tritanopia
813437

Trichromacy



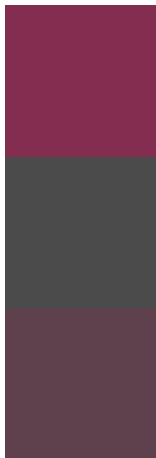
Original Color
832E51

Protanomaly
5D425E

Deuteranomaly
66404E

Tritanomaly
823240

Monochromacy



Original Color
832E51

Achromatopsia
4B4B4B

Achromatomaly
5F404D

CSS Examples

Text

The CSS property to change the color of the text to Hex 832E51 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 #832E51 looks like.

```
.text, #text, p{  
    color:#832E51  
}
```

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 #832E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #832E51
}
```

Border

The CSS property to change the border of an element to Hex 832E51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

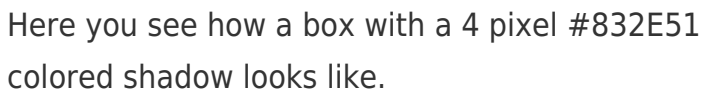
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#832E51 }
```

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

```
.border{ border-color:#832E51 }
```

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



Here you see how a box with a 4 pixel #832E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #832E51; -webkit-box-shadow:4px 4px  
4px 4px #832E51; box-shadow:4px 4px 4px  
4px #832E51 }
```

Background

The CSS property to change the background color of an element to Hex 832E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#832E51 }
```

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

```
.background{ background-color:#832E51 }
```

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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