

Converting Colors

Hex(832E45)

Have a look what the booklet for
Hex(832E45) contains.

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Color

Hex(832E45)

Conversions

Conversions Part 1

Format	Color
Hex	832E45
RGB	131, 46, 69
RGB Percent	51%, 18%, 27%
CMY	0.4863, 0.8196, 0.7294
CMYK	0.00, 0.65, 0.47, 0.49
HSL	344°, 48%, 35%
HSV	344°, 65%, 51%
XYZ	11.4112, 7.2090, 6.4203
YIQ	74.0370, 43.2770, 25.1730

Conversions

Conversions Part 2

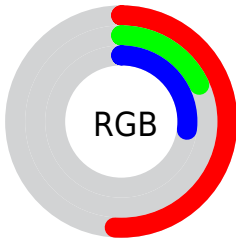
Format	Color
R_{YB}	131, 46, 69
Decimal	8597061
CIE _{Lab}	32.28, 38.57, 5.39
CIE _{LCh}	32, 38.942, 7.961
Yxy	7.2090, 0.4557, 0.2879
Android (android.graphics.Color)	4286787141 (0xFF832E45)
YUV	74.0370, -2.4832, 49.9566
Hunter-Lab	26.8495, 28.8773, 4.6172

Details

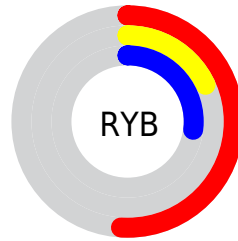
The Hex color **832E45** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2E836C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **BB6175**, and **4D001A** is the 20% darker color. If you saturate the color by 10%, you get **83213B**, and if you desaturate by 10%, it is **833B4F**.

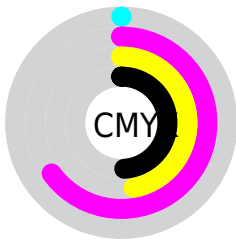
Distribution



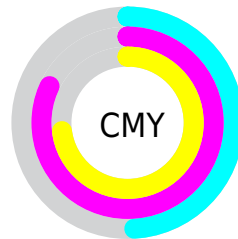
- Red (51%)
- Green (18%)
- Blue (27%)



- Red (51%)
- Yellow (18%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (47%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 832E45 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 832E45 by changing the saturation by 10% instead.

 832E45

 832E45

FFFFFF

 68132F

 BB6175

 4D001A

 D87B8F

 350001

 F695A9

 0D0000

 FFB1C4

 000000

 FFCDE0

 FFE9FD

 832E45

 832E45

 83213B

 833B4F

831432

834858

830728

835562

830023

83626B

837075

837D7E

838A88

839791

83A49B

Harmonies

Analogous

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



773364



832E45



7F3528

Triad

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



832E45



335517



005585

Complementary

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



832E45



2E836C

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.



005971



832E45



005934

Square

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



832E45



544D05



005A53



134D89

Rectangle

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



832E45



743E17



005A53



005780

Sweetspot

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



832E45



AB8A93



6B2E83



574348



D6D6D6



575757

Same Dimension

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



832E45



AB264A



83402E



423C3D



820023



030001

Inverse Universe

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



832E45



AB264A



2E7183



423C3D



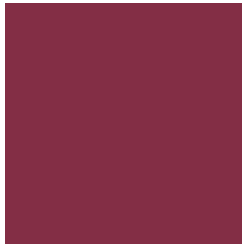
820023



030001

Previews

White Background



This preview shows how the Hex color 832E45 looks on a white background.

Color Contrast Check

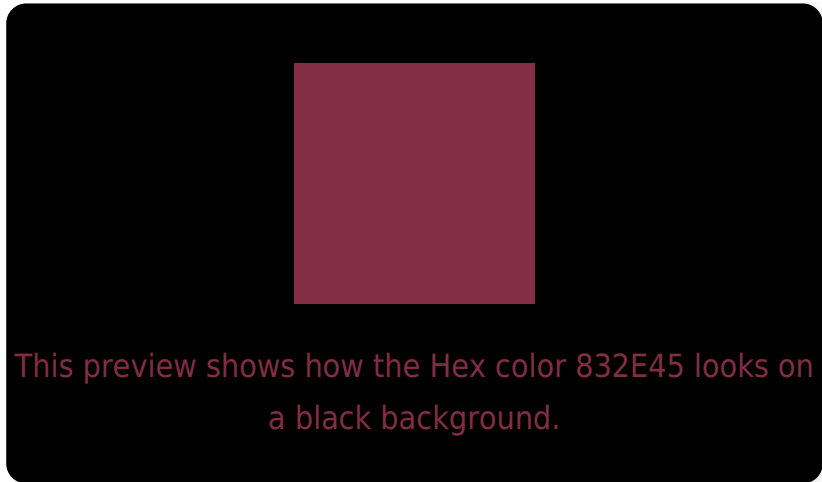
Large Text (above 18pt) WCAG AA ✓ Pass

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 832E45 Background



This preview shows how black text looks on a background with the Hex color 832E45.



This preview shows how white text looks on a background with the Hex color 832E45.

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
832E45

Protanopia
4C4C56

Deuteranopia
594A41



Tritanopia
823134

Trichromacy



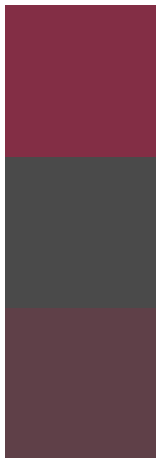
Original Color
832E45

Protanomaly
604150

Deuteranomaly
684042

Tritanomaly
82303A

Monochromacy



Original Color
832E45

Achromatopsia
4A4A4A

Achromatomaly
5F4048

CSS Examples

Text

The CSS property to change the color of the text to Hex 832E45 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 #832E45 looks like.

```
.text, #text, p{  
    color:#832E45  
}
```

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 #832E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #832E45
}
```

Border

The CSS property to change the border of an element to Hex 832E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

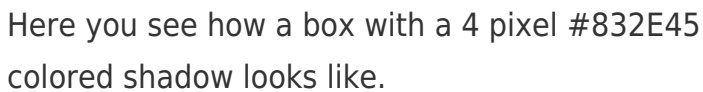
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#832E45 }
```

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

```
.border{ border-color:#832E45 }
```

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



Here you see how a box with a 4 pixel #832E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #832E45; -webkit-box-shadow:4px 4px  
4px 4px #832E45; box-shadow:4px 4px 4px  
4px #832E45 }
```

Background

The CSS property to change the background color of an element to Hex 832E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#832E45 }
```

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

```
.background{ background-color:#832E45 }
```

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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