

Converting Colors

Hex(823E38)

Have a look what the booklet for
Hex(823E38) contains.

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Color

Hex(823E38)

Conversions

Conversions Part 1

Format	Color
Hex	823E38
RGB	130, 62, 56
RGB Percent	51%, 24%, 22%
CMY	0.4902, 0.7569, 0.7804
CMYK	0.00, 0.52, 0.57, 0.49
HSL	5°, 40%, 36%
HSV	5°, 57%, 51%
XYZ	11.6424, 8.4766, 4.7639
YIQ	81.6480, 42.4540, 12.5500

Conversions

Conversions Part 2

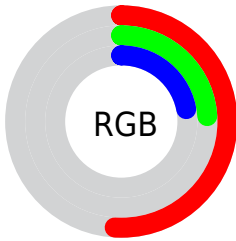
Format	Color
R_{YB}	130, 63, 56
Decimal	8535608
CIE _{Lab}	34.96, 28.68, 17.38
CIE _{LCh}	35, 33.533, 31.221
Yxy	8.4766, 0.4679, 0.3407
Android (android.graphics.Color)	4286725688 (0xFF823E38)
YUV	81.6480, -12.6445, 42.4047
Hunter-Lab	29.1146, 20.4281, 10.6788

Details

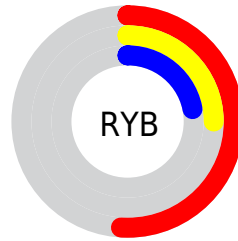
The Hex color **823E38** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **387C82**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **BA6F67**, and **4C0E0D** is the 20% darker color. If you saturate the color by 10%, you get **82322B**, and if you desaturate by 10%, it is **824A45**.

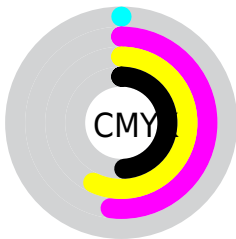
Distribution



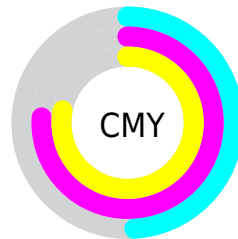
- Red (51%)
- Green (24%)
- Blue (22%)



- Red (51%)
- Yellow (25%)
- Blue (22%)



- Cyan (0%)
- Magenta (52%)
- Yellow (57%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 823E38 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 823E38 by changing the saturation by 10% instead.

 823E38

 823E38

FFFFFF

 672622


 BA6F67

 4C0E0D

 D78980

 330000

 F5A49A

 110000

 FFBF85

 000000

 FFDBD0

 FFF8ED

 823E38

 823E38

 82322B

 824A45

■ 82261E

■ 825652

■ 821A11

■ 82625F

■ 820E04

■ 826E6C

■ 820B00

■ 827A79

■ 828686

■ 829293

■ 829EA0

■ 82AAAD

Harmonies

Analogous

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



823B52



823E38



754723

Triad

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



823E38



205D37



1D5588

Complementary

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



823E38



387C82

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.



005C81



823E38



005F52

Square

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



823E38



455922



005F6D



554B80

Rectangle

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



823E38



684E1B



005F6D



005787

Sweetspot

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



823E38



A88E8C



82387D



544543



D4D4D4



545454

Same Dimension

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



823E38



A83F36



826238



403A39



800A00



000000

Inverse Universe

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



387C82



369FA8



385882



393F40



007580



000000

Previews

White Background



This preview shows how the Hex color 823E38 looks on a white background.

Color Contrast Check

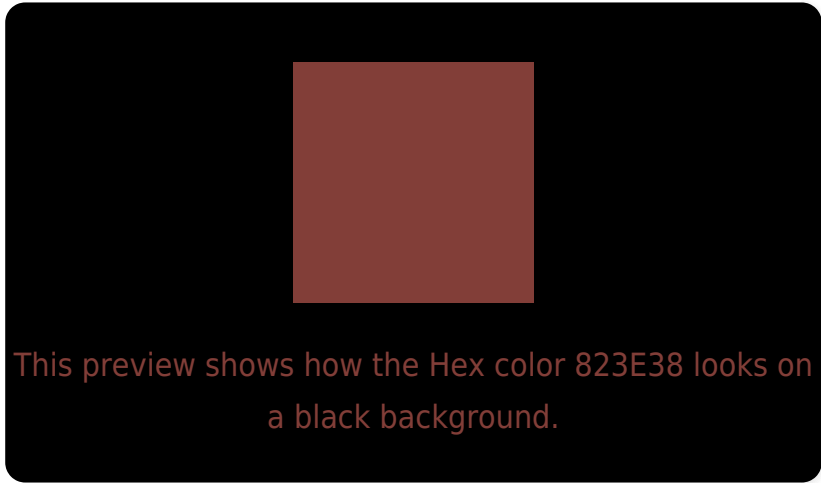
Large Text (above 18pt) WCAG AA ✓ Pass

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

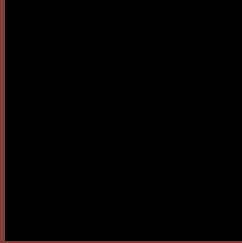
Any Text WCAG AA × Fail

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 823E38 Background



This preview shows how black text looks on a background with the Hex color 823E38.

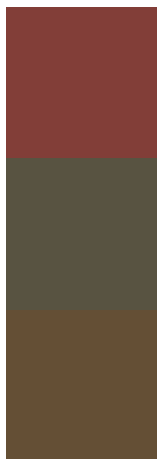


This preview shows how white text looks on a background with the Hex color 823E38.

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
823E38

Protanopia
585341

Deuteranopia
644F35



Tritanopia
833D41

Trichromacy



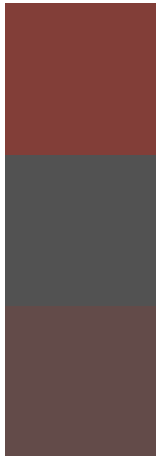
Original Color
823E38

Protanomaly
674B3E

Deuteranomaly
6F4936

Tritanomaly
833D3E

Monochromacy



Original Color
823E38

Achromatopsia
525252

Achromatomaly
634B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 823E38 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 #823E38 looks like.

```
.text, #text, p{  
    color:#823E38  
}
```

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 #823E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823E38
}
```

Border

The CSS property to change the border of an element to Hex 823E38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

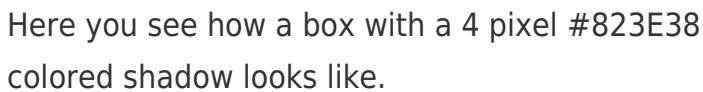
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823E38 }
```

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

```
.border{ border-color:#823E38 }
```

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



Here you see how a box with a 4 pixel #823E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823E38; -webkit-box-shadow:4px 4px  
4px 4px #823E38; box-shadow:4px 4px 4px  
4px #823E38 }
```

Background

The CSS property to change the background color of an element to Hex 823E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823E38 }
```

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

```
.background{ background-color:#823E38 }
```

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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