

Converting Colors

Hex(823D2E)

Have a look what the booklet for
Hex(823D2E) contains.

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Color

Hex(823D2E)

Conversions

Conversions Part 1

Format	Color
Hex	823D2E
RGB	130, 61, 46
RGB Percent	51%, 24%, 18%
CMY	0.4902, 0.7608, 0.8196
CMYK	0.00, 0.53, 0.65, 0.49
HSL	11°, 48%, 35%
HSV	11°, 65%, 51%
XYZ	11.3678, 8.2806, 3.5839
YIQ	79.9210, 45.9390, 9.9630

Conversions

Conversions Part 2

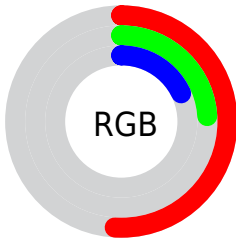
Format	Color
R_{YB}	130, 64, 46
Decimal	8535342
CIE Lab	34.56, 28.42, 23.08
CIE LCh	35, 36.606, 39.082
Yxy	8.2806, 0.4893, 0.3564
Android (android.graphics.Color)	4286725422 (0xFF823D2E)
YUV	79.9210, -16.7231, 43.9193
Hunter-Lab	28.7760, 20.1576, 12.7589

Details

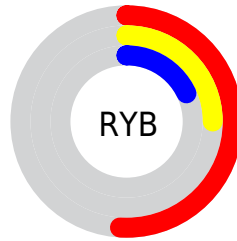
The Hex color **823D2E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E7382**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **BB6E5C**, and **4C0D00** is the 20% darker color. If you saturate the color by 10%, you get **823221**, and if you desaturate by 10%, it is **82483B**.

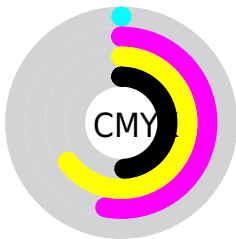
Distribution



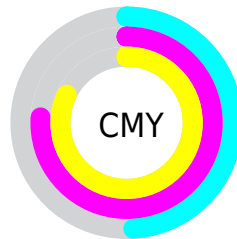
- Red (51%)
- Green (24%)
- Blue (18%)



- Red (51%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (53%)
- Yellow (65%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 823D2E 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 823D2E by changing the saturation by 10% instead.

 823D2E

 823D2E

FFFFFF

 662519

 BB6E5C

 4C0D00

 D88875

 320000

 F6A38F

 0D0000

 FFBEA9

 000000

 FFDAC4

 FFF7E0

 FFFFFD

 823D2E

 823D2E

■ 823221

■ 82483B

■ 822814

■ 825248

■ 821D07

■ 825D55

■ 821700

■ 826862

■ 82726F

■ 827D7C

■ 828889

■ 829296

■ 829DA3

Harmonies

Analogous

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



86364A



823D2E



714819

Triad

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



823D2E



005E3B



28528B

Complementary

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



823D2E



2E7382

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.



005A87



823D2E



005F5A

Square

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



823D2E



395A21



005E75



5E467F

Rectangle

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



823D2E



624F12



005E75



00558C

Sweetspot

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



823D2E



A88E88



822E74



544441



D4D4D4



545454

Same Dimension

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



823D2E



A83C25



82662E



403B39



801700



000000

Inverse Universe

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



2E7382



2591A8



2E4A82



393F40



006980



000000

Previews

White Background



This preview shows how the Hex color 823D2E 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

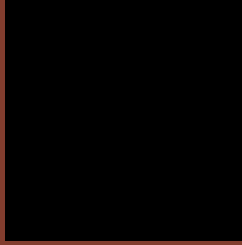
Any Text WCAG AA × Fail

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 823D2E Background



This preview shows how black text looks on a background with the Hex color 823D2E.



This preview shows how white text looks on a background with the Hex color 823D2E.

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
823D2E

Protanopia
595236

Deuteranopia
654E2B



Tritanopia
833B3F

Trichromacy



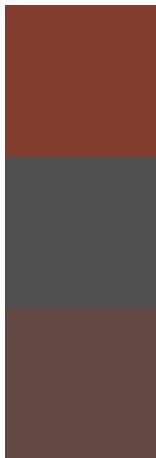
Original Color
823D2E

Protanomaly
684A33

Deuteranomaly
70482C

Tritanomaly
833C39

Monochromacy



Original Color
823D2E

Achromatopsia
505050

Achromatomaly
624944

CSS Examples

Text

The CSS property to change the color of the text to Hex 823D2E 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 #823D2E looks like.

```
.text, #text, p{  
    color:#823D2E  
}
```

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 #823D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823D2E
}
```

Border

The CSS property to change the border of an element to Hex 823D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

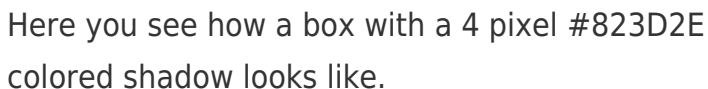
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823D2E }
```

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

```
.border{ border-color:#823D2E }
```

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



Here you see how a box with a 4 pixel #823D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823D2E; -webkit-box-shadow:4px 4px  
4px 4px #823D2E; box-shadow:4px 4px 4px  
4px #823D2E }
```

Background

The CSS property to change the background color of an element to Hex 823D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823D2E }
```

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

```
.background{ background-color:#823D2E }
```

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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