

Converting Colors

Hex(803A46)

Have a look what the booklet for
Hex(803A46) contains.

Hex(803A46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(803A46)

Conversions

Conversions Part 1

Format	Color
Hex	803A46
RGB	128, 58, 70
RGB Percent	50%, 23%, 27%
CMY	0.4980, 0.7725, 0.7255
CMYK	0.00, 0.55, 0.45, 0.50
HSL	350°, 38%, 36%
HSV	350°, 55%, 50%
XYZ	11.5206, 8.0575, 6.7424
YIQ	80.2980, 37.8680, 18.5720

Conversions

Conversions Part 2

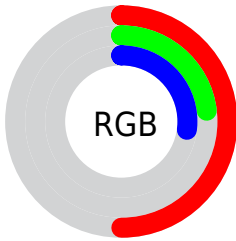
Format	Color
R_{YB}	128, 58, 70
Decimal	8403526
CIE Lab	34.10, 31.49, 7.26
CIE LCh	34, 32.315, 12.980
Yxy	8.0575, 0.4377, 0.3061
Android (android.graphics.Color)	4286593606 (0xFF803A46)
YUV	80.2980, -5.0769, 41.8347
Hunter-Lab	28.3857, 22.7709, 5.7870

Details

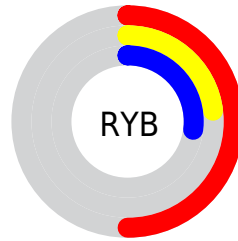
The Hex color **803A46** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A8074**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B86C76**, and **4B081B** is the 20% darker color. If you saturate the color by 10%, you get **802D3B**, and if you desaturate by 10%, it is **804751**.

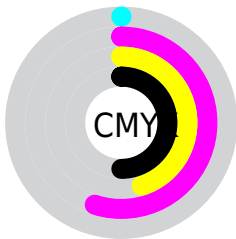
Distribution



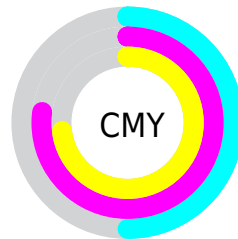
- Red (50%)
- Green (23%)
- Blue (27%)



- Red (50%)
- Yellow (23%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803A46 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 803A46 by changing the saturation by 10% instead.

 803A46

 803A46

FFFFFF

 652230

 B86C76

 4B081B

 D48590

 330000

 F1A0AA

 0F0000

 FFBC5

 000000

 FFD8E1

 FFF4FE

 803A46

 803A46

 802D3B

 804751

■ 802031

■ 80545B

■ 801426

■ 806066

■ 80071C

■ 806D70

■ 800016

■ 807A7B

■ 808786

■ 809490

■ 80A09B

■ 80ADA5

Harmonies

Analogous

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



783C60



803A46



7B402E

Triad

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



803A46



385929



005781

Complementary

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



803A46



3A8074

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.



005C73



803A46



055C40

Square

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



803A46



54521B



005D5B



384F82

Rectangle

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



803A46



714622



005D5B



00597D

Sweetspot

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



803A46



A68B90



733A80



544447



D4D4D4



545454

Same Dimension

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



803A46



A6384B



80503A



40393A



800016



000000

Inverse Universe

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



803A46



A6384B



3A6A80



40393A



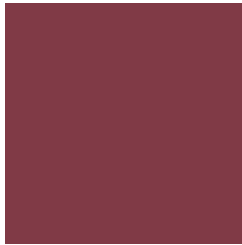
800016



000000

Previews

White Background



This preview shows how the Hex color 803A46 looks on a white background.

Color Contrast Check

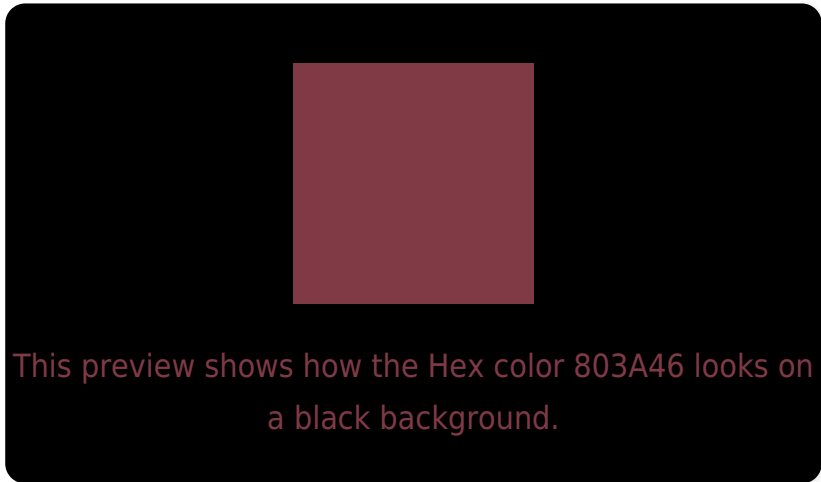
Large Text (above 18pt) WCAG AA ✓ Pass

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

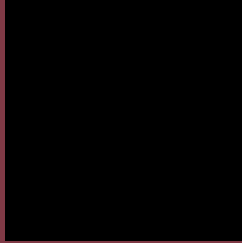
Any Text WCAG AA × Fail

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 803A46 Background



This preview shows how black text looks on a background with the Hex color 803A46.



This preview shows how white text looks on a background with the Hex color 803A46.

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](#).

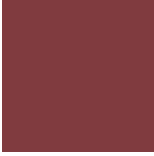
Dichromacy



Original Color
803A46

Protanopia
525052

Deuteranopia
5E4E43



Tritanopia
803B3F

Trichromacy



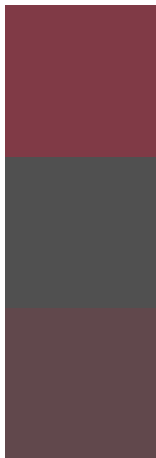
Original Color
803A46

Protanomaly
63484E

Deuteranomaly
6A4744

Tritanomaly
803B42

Monochromacy



Original Color
803A46

Achromatopsia
505050

Achromatomaly
61484C

CSS Examples

Text

The CSS property to change the color of the text to Hex 803A46 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 #803A46 looks like.

```
.text, #text, p{  
    color:#803A46  
}
```

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 #803A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803A46
}
```

Border

The CSS property to change the border of an element to Hex 803A46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

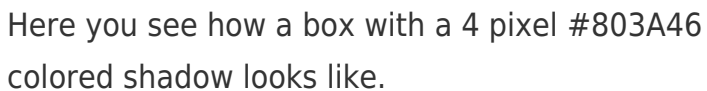
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803A46 }
```

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

```
.border{ border-color:#803A46 }
```

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



Here you see how a box with a 4 pixel #803A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803A46; -webkit-box-shadow:4px 4px  
4px 4px #803A46; box-shadow:4px 4px 4px  
4px #803A46 }
```

Background

The CSS property to change the background color of an element to Hex 803A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803A46 }
```

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

```
.background{ background-color:#803A46 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor