

# Converting Colors

Hex(803923)

Have a look what the booklet for  
Hex(803923) contains.

<b>Hex(803923)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(803923)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	803923
RGB	128, 57, 35
RGB Percent	50%, 22%, 14%
CMY	0.4980, 0.7765, 0.8627
CMYK	0.00, 0.55, 0.73, 0.50
HSL	14°, 57%, 32%
HSV	14°, 73%, 50%
XYZ	10.6686, 7.6368, 2.5019
YIQ	75.7210, 49.3780, 8.2100

# Conversions

## Conversions Part 2

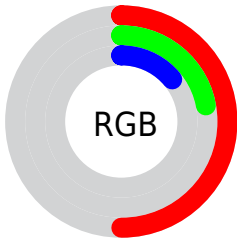
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 64, 35
Decimal	8403235
CIE Lab	33.21, 29.06, 27.99
CIE LCh	33, 40.349, 43.932
Yxy	7.6368, 0.5127, 0.3670
Android (android.graphics.Color)	4286593315 (0xFF803923)
YUV	75.7210, -20.0755, 45.8487
Hunter-Lab	27.6348, 20.5503, 13.9766

# Details

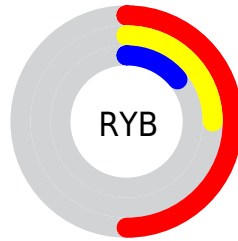
The Hex color **803923** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **236A80**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B96A50**, and **490800** is the 20% darker color. If you saturate the color by 10%, you get **802F16**, and if you desaturate by 10%, it is **804330**.

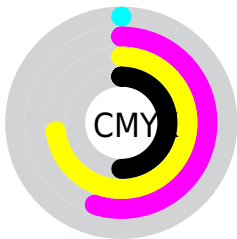
# Distribution



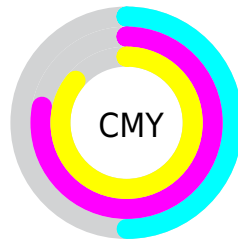
- Red (50%)
- Green (22%)
- Blue (14%)



- Red (50%)
- Yellow (25%)
- Blue (14%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803923 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 803923 by changing the saturation by 10% instead.





803923



803923

FFFFFF



64210E



B96A50



490800



D78469



300000



F59E82



000000



FFBA9C



FFD6B7



FFF2D3



FFFFEF



803923



803923

■ 802F16

■ 804330

■ 802509

■ 804D3D

■ 801E00

■ 805649

■ 806056

■ 806A63

■ 807470

■ 807D7D

■ 808789

■ 809196

# Harmonies

## Analogous

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



882F41



803923



6C460B

# Triad

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



803923



005C3B



294D8C

# Complementary

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



803923



236A80

# 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.



00568B



803923



005D5D

# Square

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



803923



2B581D



005C7A



633F7C

# Rectangle

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



803923



5A4E04



005C7A



00508E



# Sweetspot

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



803923



A68A81



80236A



54433E



D4D4D4



545454



# Same Dimension

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



803923



A63816



806723



403B39



801E00



000000



# Inverse Universe

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



236A80



1684A6



233C80



393E40



006180



000000



# Previews

## White Background



This preview shows how the Hex color 803923 looks on a white background.

## Color Contrast Check

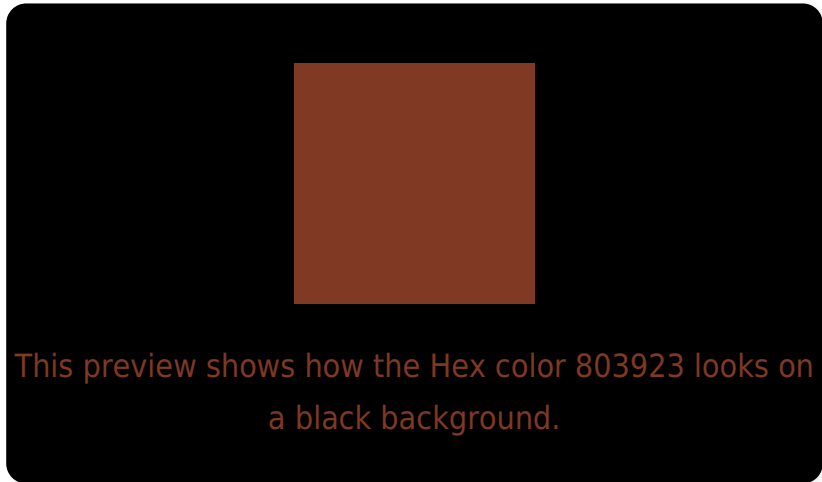
Large Text (above 18pt) WCAG AA ✓ Pass

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 803923 Background



This preview shows how black text looks on a background with the Hex color 803923.



This preview shows how white text looks on a background with the Hex color 803923.

# 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**  
803923

**Protanopia**  
574F2A

**Deuteranopia**  
624B1F



**Tritanopia**  
81363A

# Trichromacy



**Original Color**  
803923

**Protanomaly**  
664727

**Deuteranomaly**  
6D4420

**Tritanomaly**  
813732

# Monochromacy



**Original Color**  
803923

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5F453D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803923 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 #803923 looks like.

```
.text, #text, p{  
    color:#803923  
}
```

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 #803923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803923 }  
}
```

## Border

The CSS property to change the border of an element to Hex 803923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

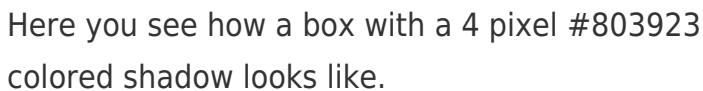
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #803923 }  
}
```

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

```
.border{ border-color:#803923 }
```

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



Here you see how a box with a 4 pixel #803923 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803923; -webkit-box-shadow:4px 4px  
4px 4px #803923; box-shadow:4px 4px 4px  
4px #803923 }
```

# Background

The CSS property to change the background color of an element to Hex 803923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803923 }
```

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

```
.background{ background-color:#803923 }
```

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