

# Converting Colors

Hex(803A23)

Have a look what the booklet for  
Hex(803A23) contains.

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# Color

**Hex(803A23)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	803A23
RGB	128, 58, 35
RGB Percent	50%, 23%, 14%
CMY	0.4980, 0.7725, 0.8627
CMYK	0.00, 0.55, 0.73, 0.50
HSL	15°, 57%, 32%
HSV	15°, 73%, 50%
XYZ	10.7185, 7.7367, 2.5185
YIQ	76.3080, 49.1030, 7.6870

# Conversions

## Conversions Part 2

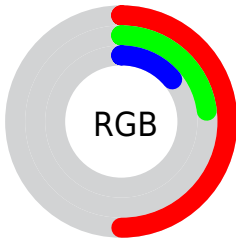
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 66, 35
Decimal	8403491
CIE <sub>Lab</sub>	33.43, 28.51, 28.24
CIE <sub>LCh</sub>	33, 40.128, 44.721
Yxy	7.7367, 0.5110, 0.3689
Android (android.graphics.Color)	4286593571 (0xFF803A23)
YUV	76.3080, -20.3648, 45.3339
Hunter-Lab	27.8148, 20.1094, 14.1020

# Details

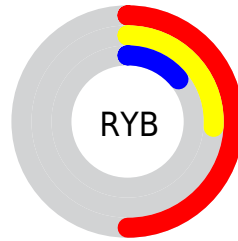
The Hex color **803A23** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **236980**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B96B51**, and **490A00** is the 20% darker color. If you saturate the color by 10%, you get **803016**, and if you desaturate by 10%, it is **804430**.

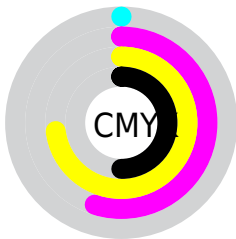
# Distribution



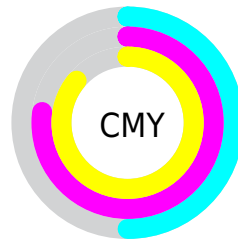
- Red (50%)
- Green (23%)
- Blue (14%)



- Red (50%)
- Yellow (26%)
- Blue (14%)



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



- Cyan (50%)
- Magenta (77%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803A23 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 803A23 by changing the saturation by 10% instead.



 803A23

 803A23

FFFFFF

 64230E

 B96B51

 490A00

 D78569

 300000

 F49F82

 000000

 FFBB9C

 FFD7B7

 FFF3D3

 FFFFF0

 803A23

 803A23

■ 803016

■ 804430

■ 802709

■ 804D3D

■ 802000

■ 805749

■ 806156

■ 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.



883040



803A23



6C470B

# Triad

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



803A23



005D3D



2D4D8C

# Complementary

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



803A23



236980

# 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.



00578C



803A23



005E5E

# Square

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



803A23



2B591E



005C7B



643F7C

# Rectangle

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



803A23



5A4F05



005C7B



00518E



# Sweetspot

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



803A23



A68A81



80236A



54443E



D4D4D4



545454



# Same Dimension

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



803A23



A63916



806723



403B39



802000



000000



# Inverse Universe

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



236980



1682A6



233C80



393E40



006080



000000



# Previews

## White Background



This preview shows how the Hex color 803A23 looks on a white background.

## Color Contrast Check

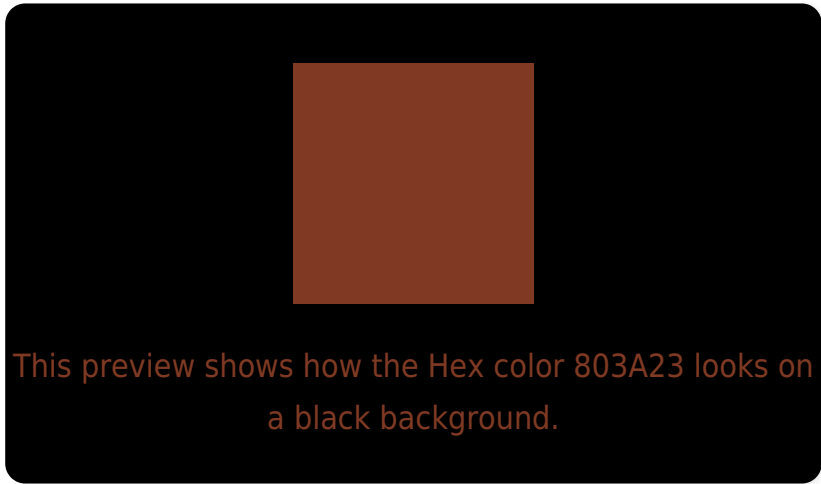
Large Text (above 18pt) WCAG AA ✓ Pass

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 803A23 Background



This preview shows how black text looks on a background with the Hex color 803A23.



This preview shows how white text looks on a background with the Hex color 803A23.

# 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**  
803A23

**Protanopia**  
584F2A

**Deuteranopia**  
634B1F



**Tritanopia**  
81373B

# Trichromacy



**Original Color**  
803A23

**Protanomaly**  
674727

**Deuteranomaly**  
6E4520

**Tritanomaly**  
813832

# Monochromacy



**Original Color**  
803A23

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5F453D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803A23 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 #803A23 looks like.

```
.text, #text, p{  
    color:#803A23  
}
```

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 #803A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803A23
}
```

## Border

The CSS property to change the border of an element to Hex 803A23 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
#803A23 }
```

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

```
.border{ border-color:#803A23 }
```

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

Here you see how a box with a 4 pixel #803A23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803A23; -webkit-box-shadow:4px 4px  
4px 4px #803A23; box-shadow:4px 4px 4px  
4px #803A23 }
```

# Background

The CSS property to change the background color of an element to Hex 803A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803A23 }
```

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

```
.background{ background-color:#803A23 }
```

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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