

# Converting Colors

Hex(823A1C)

Have a look what the booklet for  
Hex(823A1C) contains.

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**Color**

**Hex(823A1C)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 823A1C                   |
| RGB           | 130, 58, 28              |
| RGB Percent   | 51%, 23%, 11%            |
| CMY           | 0.4902, 0.7725, 0.8902   |
| CMYK          | 0.00, 0.55, 0.78, 0.49   |
| HSL           | 18°, 65%, 31%            |
| HSV           | 18°, 78%, 51%            |
| XYZ           | 10.9286, 7.8558, 2.0389  |
| YIQ           | 76.1080, 52.5420, 5.9340 |

# Conversions

## Conversions Part 2

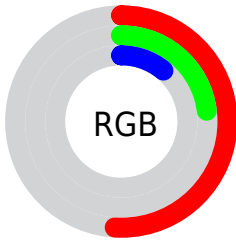
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">130, 71, 28</a>                                  |
| Decimal                             | <a href="#">8534556</a>                                      |
| CIELab                              | <a href="#">33.68, 28.99, 32.55</a>                          |
| CIELCh                              | <a href="#">34, 43.587, 48.305</a>                           |
| Yxy                                 | <a href="#">7.8558, 0.5248, 0.3773</a>                       |
| Android<br>(android.graphics.Color) | <a href="#">4286724636</a><br>( <a href="#">0xFF823A1C</a> ) |
| YUV                                 | <a href="#">76.1080, -23.7172, 47.2633</a>                   |
| Hunter-Lab                          | <a href="#">28.0282, 20.5504, 15.3066</a>                    |

# Details

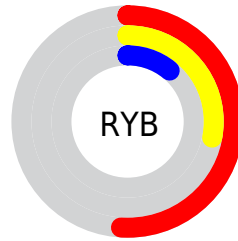
The Hex color **823A1C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1C6482**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **BC6B4A**, and **4B0A00** is the 20% darker color. If you saturate the color by 10%, you get **82310F**, and if you desaturate by 10%, it is **824329**.

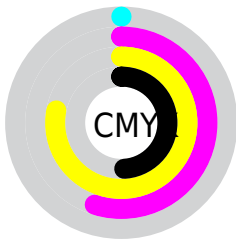
# Distribution



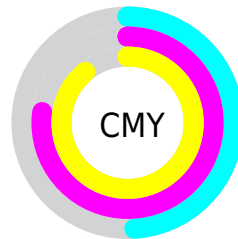
- Red (51%)
- Green (23%)
- Blue (11%)



- Red (51%)
- Yellow (28%)
- Blue (11%)



- Cyan (0%)
- Magenta (55%)
- Yellow (78%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 823A1C 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 823A1C by changing the saturation by 10% instead.



 823A1C

 823A1C

FFFFFF

 662204

 BC6B4A

 4B0A00

 D98562

 300000

 F79F7B

 050000

 FFBB95

 000000

 FFD7B0

 FFF3CB

 FFFFE8

 823A1C

 823A1C

■ 82310F

■ 824329

■ 822802

■ 824C36

■ 822600

■ 825643

■ 825F50

■ 82685D

■ 82716A

■ 827A77

■ 828384

■ 828D91

# Harmonies

## Analogous

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



8D2D3C



823A1C



6B4900

# Triad

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



823A1C



005E40



324C91

# Complementary

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



823A1C



1C6482

# 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.



005793



823A1C



005F64

# Square

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



823A1C



205B1E



005D82



6B3C7E

# Rectangle

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



823A1C



575100



005D82



005094



# Sweetspot

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



823A1C



A88C80



821C65



54433C



D4D4D4



545454



# Same Dimension

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



823A1C



A8390A



826C1C



403B39



802600



000000



# Inverse Universe

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



1C6482



0A7AA8



1C3282



393E40



005A80



000000



# Previews

## White Background



This preview shows how the Hex color 823A1C looks on a white background.

## Color Contrast Check

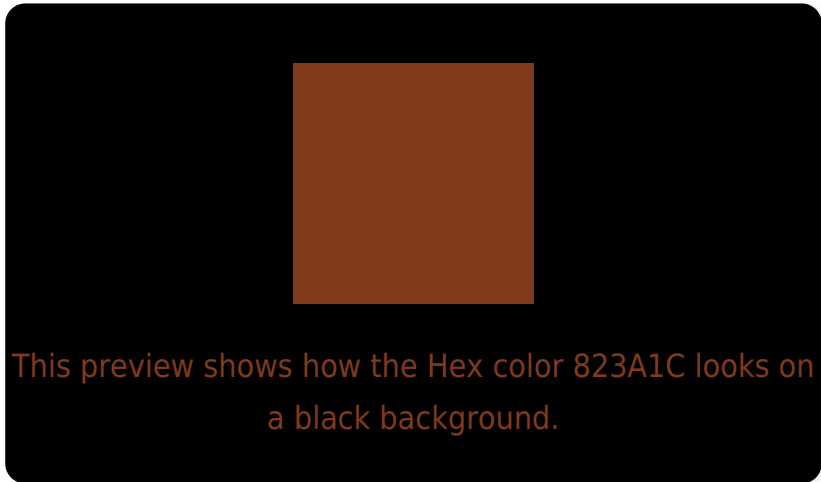
Large Text (above 18pt) WCAG AA ✓ Pass

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 823A1C Background



This preview shows how black text looks on a background with the Hex color 823A1C.



This preview shows how white text looks on a background with the Hex color 823A1C.

# 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**  
823A1C

**Protanopia**  
595022

**Deuteranopia**  
644C16



**Tritanopia**  
83373A

# Trichromacy



**Original Color**  
823A1C

**Protanomaly**  
684820

**Deuteranomaly**  
6F4518

**Tritanomaly**  
83382F

# Monochromacy



**Original Color**  
823A1C

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
60453B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 823A1C 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 #823A1C looks like.

```
.text, #text, p{  
  color:#823A1C  
}
```

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 #823A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823A1C }  
}
```

## Border

The CSS property to change the border of an element to Hex 823A1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

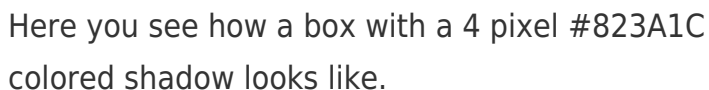
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #823A1C }  
}
```

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

```
.border{ border-color:#823A1C }
```

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



Here you see how a box with a 4 pixel #823A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823A1C; -webkit-box-shadow:4px 4px  
4px 4px #823A1C; box-shadow:4px 4px 4px  
4px #823A1C }
```

# Background

The CSS property to change the background color of an element to Hex 823A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823A1C }
```

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

```
.background{ background-color:#823A1C }
```

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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