

Converting Colors

Hex(823000)

Have a look what the booklet for
Hex(823000) contains.

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Color

Hex(823000)

Conversions

Conversions Part 1

Format	Color
Hex	823000
RGB	130, 48, 0
RGB Percent	51%, 19%, 0%
CMY	0.4902, 0.8118, 1.0000
CMYK	0.00, 0.63, 1.00, 0.49
HSL	22°, 100%, 25%
HSV	22°, 100%, 51%
XYZ	10.2629, 6.8597, 0.7831
YIQ	67.0460, 64.2800, 2.4560

Conversions

Conversions Part 2

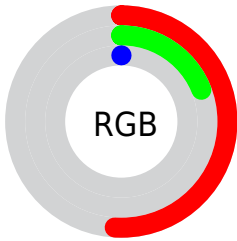
Format	Color
RYB	130, 76, 0
Decimal	8531968
CIELab	31.49, 33.41, 43.08
CIELCh	31, 54.523, 52.204
Yxy	6.8597, 0.5732, 0.3831
Android (android.graphics.Color)	4286722048 (0xFF823000)
YUV	67.0460, -33.0537, 55.2107
Hunter-Lab	26.1911, 24.1101, 16.5609

Details

The Hex color **823000** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005282**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **BD6131**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **823000**, and if you desaturate by 10%, it is **82380D**.

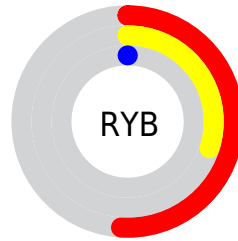
Distribution



Red (51%)

Green (19%)

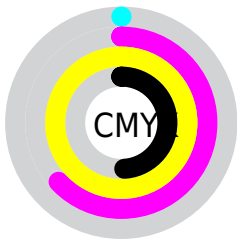
Blue (0%)



Red (51%)

Yellow (30%)

Blue (0%)

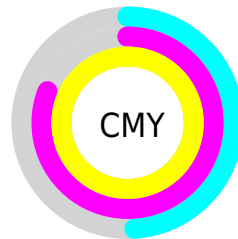


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 823000 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 823000 by changing the saturation by 10% instead.

 823000

 823000

 FFFFE9

 651700

 BD6131

 490000

 DC7B49

 300001

 FA9562

 000000

 FFB07B

 FFCC96

 FFE9B1

 FFFFCC

 823000

 82380D

 82401A

 824927

 825134

 825941

 82614E

 82695B

 827268

 827A75

Harmonies

Analogous

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



92152D



823000



654400

Triad

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



823000



005B3D



26449A

Complementary

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



823000



005282

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.



0053A0



823000



005C69

Square

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



823000



00580D



005A8E



712C7F

Rectangle

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



823000



4C4E00



005A8E



004A9F

Sweetspot

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



823000



A88876



820052



544136



D4D4D4



545454

Same Dimension

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



823000



A83E00



827100



403C39



802F00



000000

Inverse Universe

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



005282



006AA8



001182



393D40



005080



000000

Previews

White Background



This preview shows how the Hex color 823000 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 823000 Background



This preview shows how black text looks on a background with the Hex color 823000.



This preview shows how white text looks on a background with the Hex color 823000.

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
823000

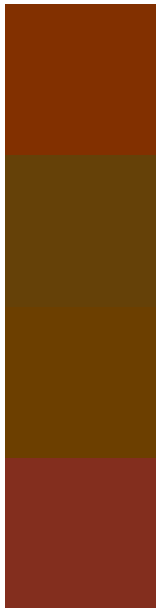
Protanopia
554B0D

Deuteranopia
5F4700



Tritanopia
832D2F

Trichromacy



Original Color
823000

Protanomaly
654108

Deuteranomaly
6C3F00

Tritanomaly
832E1E

Monochromacy



Original Color
823000

Achromatopsia
434343

Achromatomaly
5A3C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 823000 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 #823000 looks like.

```
.text, #text, p{  
    color:#823000  
}
```

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 #823000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823000
}
```

Border

The CSS property to change the border of an element to Hex 823000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

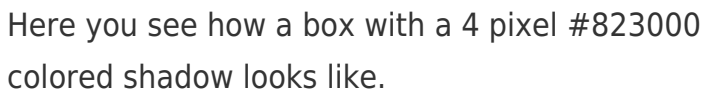
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823000 }
```

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

```
.border{ border-color:#823000 }
```

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



Here you see how a box with a 4 pixel #823000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823000; -webkit-box-shadow:4px 4px  
4px 4px #823000; box-shadow:4px 4px 4px  
4px #823000 }
```

Background

The CSS property to change the background color of an element to Hex 823000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823000 }
```

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

```
.background{ background-color:#823000 }
```

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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