

Converting Colors

Hex(823D00)

Have a look what the booklet for
Hex(823D00) contains.

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Color

Hex(823D00)

Conversions

Conversions Part 1

Format	Color
Hex	823D00
RGB	130, 61, 0
RGB Percent	51%, 24%, 0%
CMY	0.4902, 0.7608, 1.0000
CMYK	0.00, 0.53, 1.00, 0.49
HSL	28°, 100%, 25%
HSV	28°, 100%, 51%
XYZ	10.8747, 8.0833, 0.9871
YIQ	74.6770, 60.7050, -4.3430

Conversions

Conversions Part 2

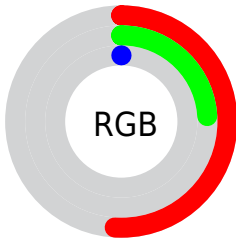
Format	Color
RYB	130, 115, 0
Decimal	8535296
CIELab	34.16, 26.54, 44.77
CIElCh	34, 52.050, 59.338
Yxy	8.0833, 0.5452, 0.4053
Android (android.graphics.Color)	4286725376 (0xFF823D00)
YUV	74.6770, -36.8158, 48.5183
Hunter-Lab	28.4312, 18.5201, 17.8434

Details

The Hex color **823D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004582**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BD6E33**, and **490F00** is the 20% darker color. If you saturate the color by 10%, you get **823D00**, and if you desaturate by 10%, it is **82440D**.

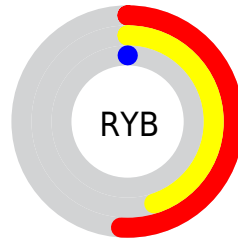
Distribution



Red (51%)

Green (24%)

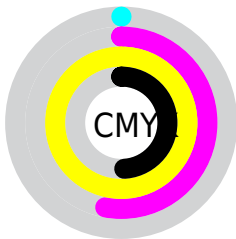
Blue (0%)



Red (51%)

Yellow (45%)

Blue (0%)

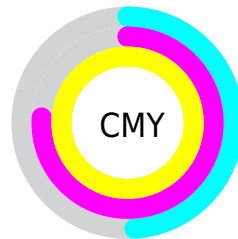


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 823D00 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 823D00 by changing the saturation by 10% instead.

 823D00

 823D00

 FFFFED

 662600


 BD6E33

 490F00

 DB874C

 2F0000

 F9A265

 040000

 FFBD7F

 000000

 FFD999

 FFF6B4

 FFFF00

 823D00

 82440D

 824B1A

 825227

 825934

 826041

 82664E

 826D5B

 827468

 827B75

Harmonies

Analogous

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



95282B



823D00



634E00

Triad

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



823D00



00624E



4A4699

Complementary

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



823D00



004582

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.



0056A4



823D00



006278

Square

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



823D00



006023



005F97



802F7B

Rectangle

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



823D00



495600



005F97



274C9F

Sweetspot

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



823D00



A88E76



820045



544436



D4D4D4



545454

Same Dimension

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



823D00



A84F00



827E00



403C39



803C00



000000

Inverse Universe

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



004582



0059A8



000482



393D40



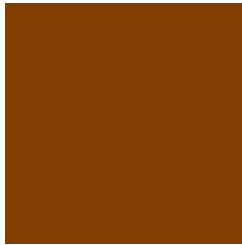
004480



000000

Previews

White Background



This preview shows how the Hex color 823D00 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 823D00 Background



This preview shows how black text looks on a background with the Hex color 823D00.



This preview shows how white text looks on a background with the Hex color 823D00.

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
823D00

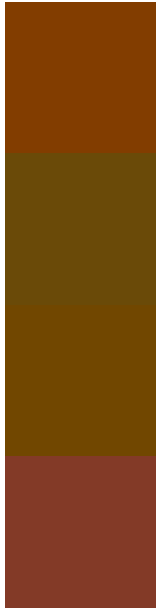
Protanopia
5C510C

Deuteranopia
674D00



Tritanopia
84393D

Trichromacy



Original Color
823D00

Protanomaly
6A4A08

Deuteranomaly
714700

Tritanomaly
833A27

Monochromacy



Original Color
823D00

Achromatopsia
4B4B4B

Achromatomaly
5F4630

CSS Examples

Text

The CSS property to change the color of the text to Hex 823D00 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 #823D00 looks like.

```
.text, #text, p{  
    color:#823D00  
}
```

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 #823D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823D00
}
```

Border

The CSS property to change the border of an element to Hex 823D00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

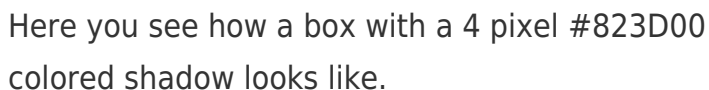
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823D00 }
```

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

```
.border{ border-color:#823D00 }
```

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



Here you see how a box with a 4 pixel #823D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823D00; -webkit-box-shadow:4px 4px  
4px 4px #823D00; box-shadow:4px 4px 4px  
4px #823D00 }
```

Background

The CSS property to change the background color of an element to Hex 823D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823D00 }
```

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

```
.background{ background-color:#823D00 }
```

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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