

Converting Colors

Hex(00823D)

Have a look what the booklet for
Hex(00823D) contains.

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Color

Hex(00823D)

Conversions

Conversions Part 1

Format	Color
Hex	00823D
RGB	0, 130, 61
RGB Percent	0%, 51%, 24%
CMY	1.0000, 0.4902, 0.7608
CMYK	1.00, 0.00, 0.53, 0.49
HSL	148°, 100%, 25%
HSV	148°, 100%, 51%
XYZ	8.8249, 16.3022, 7.0964
YIQ	83.2640, -55.3310, -49.0190

Conversions

Conversions Part 2

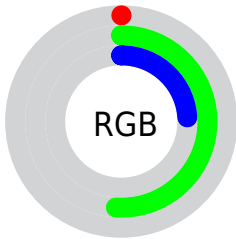
Format	Color
RYB	0, 88, 130
Decimal	33341
CIELab	47.37, -46.73, 28.77
CIELCh	47, 54.877, 148.382
Yxy	16.3022, 0.2739, 0.5059
Android (android.graphics.Color)	4278223421 (0xFF00823D)
YUV	83.2640, -10.9762, -73.0225
Hunter-Lab	40.3760, -31.6434, 17.8425

Details

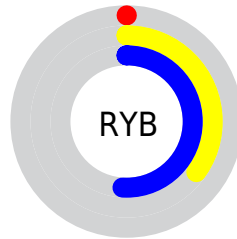
The Hex color **00823D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **820045**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **4FB86E**, and **004F0E** is the 20% darker color. If you saturate the color by 10%, you get **00823D**, and if you desaturate by 10%, it is **0D8244**.

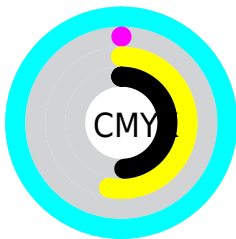
Distribution



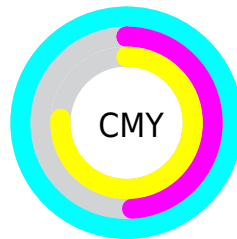
- Red (0%)
- Green (51%)
- Blue (24%)



- Red (0%)
- Yellow (35%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00823D 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 00823D by changing the saturation by 10% instead.

 00823D

 00823D

FFFFFF

 006826

 4FB86E

 004F0E

 6CD488

 003700

 89F1A2

 002100

 A5FFBE

 000000

 C2FFDA

 DFFFF6

 FDDFFF

 00823D

 0D8244

 1A824B

 278252

 348259

 418260

 4E8266

 5B826D

 688274

 75827B

Harmonies

Analogous

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



5B7A11



00823D



00856C

Triad

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



00823D



0077CD



C04847

Complementary

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



00823D



820045

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.



C04175



00823D



6A65C2

Square

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



00823D



0081BF



A550A2



AC5B1F

Rectangle

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



00823D



00868C



A550A2



C34356

Sweetspot

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



00823D



76A88E



458200



365444



D4D4D4



545454

Same Dimension

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



00823D



00A84F



00827E



39403C



00803C



000000

Inverse Universe

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



820045



A80059



820004



40393D



800044



000000

Previews

White Background



This preview shows how the Hex color 00823D looks on a white background.

Color Contrast Check

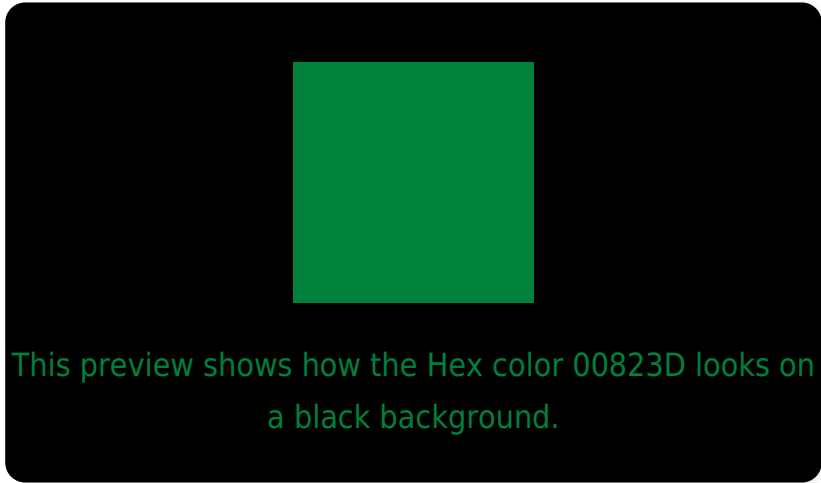
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 00823D Background



This preview shows how black text looks on a background with the Hex color 00823D.



This preview shows how white text looks on a background with the Hex color 00823D.

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
00823D

Protanopia
7C7037

Deuteranopia
886B43



Tritanopia
327A84

Trichromacy



Original Color
00823D



Protanomaly
4F7739



Deuteranomaly
577341



Tritanomaly
207D6A

Monochromacy



Original Color
00823D



Achromatopsia
535353



Achromatomaly
35644B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00823D 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 #00823D looks like.

```
.text, #text, p{  
    color:#00823D  
}
```

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 #00823D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00823D
}
```

Border

The CSS property to change the border of an element to Hex 00823D 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
#00823D }
```

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

```
.border{ border-color:#00823D }
```

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

Here you see how a box with a 4 pixel #00823D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00823D; -webkit-box-shadow:4px 4px  
4px 4px #00823D; box-shadow:4px 4px 4px  
4px #00823D }
```

Background

The CSS property to change the background color of an element to Hex 00823D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00823D }
```

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

```
.background{ background-color:#00823D }
```

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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