

Converting Colors

Hex(83003C)

Have a look what the booklet for
Hex(83003C) contains.

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Color

Hex(83003C)

Conversions

Conversions Part 1

Format	Color
Hex	83003C
RGB	131, 0, 60
RGB Percent	51%, 0%, 24%
CMY	0.4863, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.54, 0.49
HSL	333°, 100%, 26%
HSV	333°, 100%, 51%
XYZ	10.1757, 5.1515, 4.7330
YIQ	46.0090, 58.8160, 46.4320

Conversions

Conversions Part 2

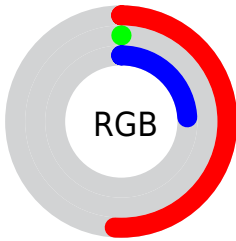
Format	Color
R_{YB}	131, 0, 60
Decimal	8585276
CIE Lab	27.16, 51.37, 4.10
CIE LCh	27, 51.536, 4.559
Yxy	5.1515, 0.5073, 0.2568
Android (android.graphics.Color)	4286775356 (0xFF83003C)
YUV	46.0090, 6.8976, 74.5371
Hunter-Lab	22.6970, 40.3067, 3.5242

Details

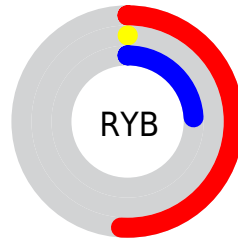
The Hex color **83003C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **008347**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **BD456B**, and **4B0012** is the 20% darker color. If you saturate the color by 10%, you get **83003C**, and if you desaturate by 10%, it is **830D43**.

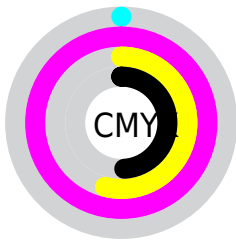
Distribution



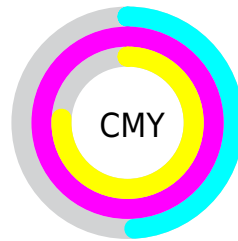
- Red (51%)
- Green (0%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 83003C 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 83003C by changing the saturation by 10% instead.

 83003C

 83003C

FFFFFF

 670027

 BD456B

 4B0012

 DB6084

 310002

 F97B9E

 000000

 FF97B9

 FFB3D5

 FFCFF1

 FFECFF

 83003C

 830D43

 831A4A

 832751

 833458

 83425F

 834F67

 835C6E

 836975

 83767C

Harmonies

Analogous

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



721863



83003C



7E1816

Triad

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



83003C



204A00



004D88

Complementary

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



83003C



008347

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.



00506C



83003C



004F1B

Square

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



83003C



4A4100



005145



004490

Rectangle

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



83003C



722900



005145



004F81

Sweetspot

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



83003C



AB788F



460083



573746



D6D6D6



575757

Same Dimension

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



83003C



AB004E



830400



423C3F



82003C



030001

Inverse Universe

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



83003C



AB004E



007F83



423C3F



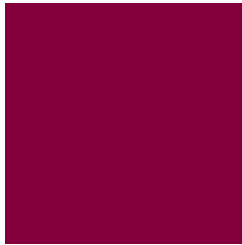
82003C



030001

Previews

White Background



This preview shows how the Hex color 83003C looks on a white background.

Color Contrast Check

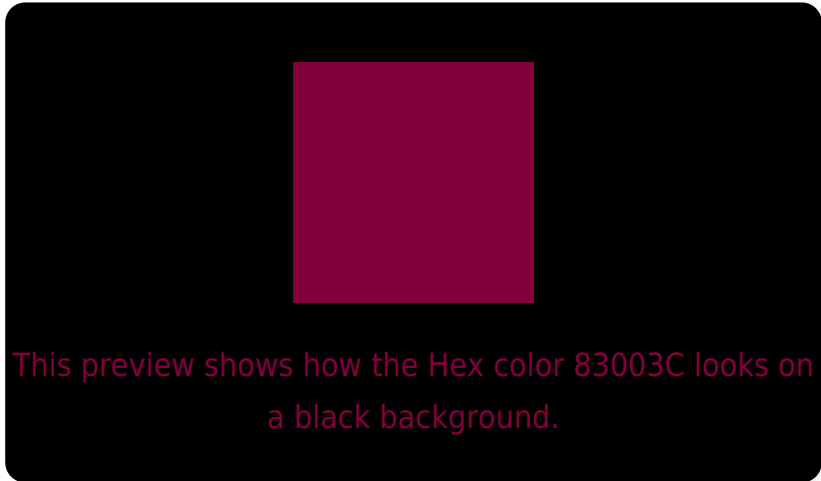
Large Text (above 18pt) WCAG AA ✓ Pass

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 83003C Background



This preview shows how black text looks on a background with the Hex color 83003C.



This preview shows how white text looks on a background with the Hex color 83003C.

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
83003C

Protanopia
3F4357

Deuteranopia
4F4137



Tritanopia
811817

Trichromacy



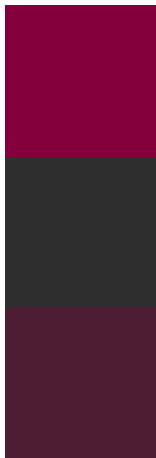
Original Color
83003C

Protanomaly
582B4D

Deuteranomaly
622939

Tritanomaly
820F24

Monochromacy



Original Color
83003C

Achromatopsia
2E2E2E

Achromatomaly
4D1D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 83003C 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 #83003C looks like.

```
.text, #text, p{  
    color:#83003C  
}
```

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 #83003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83003C
}
```

Border

The CSS property to change the border of an element to Hex 83003C is called "border". The border property can be set on classes, ids or directly on the HTML element.

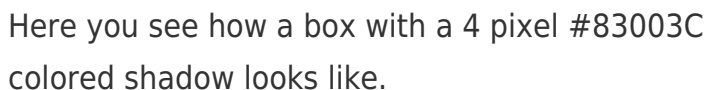
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83003C }
```

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

```
.border{ border-color:#83003C }
```

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



Here you see how a box with a 4 pixel #83003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83003C; -webkit-box-shadow:4px 4px  
4px 4px #83003C; box-shadow:4px 4px 4px  
4px #83003C }
```

Background

The CSS property to change the background color of an element to Hex 83003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83003C }
```

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

```
.background{ background-color:#83003C }
```

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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