

Converting Colors

Hex(83003F)

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

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Color

Hex(83003F)

Conversions

Conversions Part 1

Format	Color
Hex	83003F
RGB	131, 0, 63
RGB Percent	51%, 0%, 25%
CMY	0.4863, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.52, 0.49
HSL	331°, 100%, 26%
HSV	331°, 100%, 51%
XYZ	10.2573, 5.1842, 5.1627
YIQ	46.3510, 57.8530, 47.3650

Conversions

Conversions Part 2

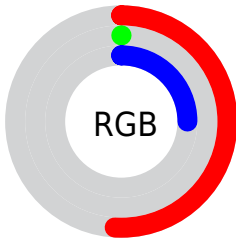
Format	Color
RYB	131, 0, 63
Decimal	8585279
CIELab	27.25, 51.61, 2.19
CIElCh	27, 51.660, 2.425
Yxy	5.1842, 0.4978, 0.2516
Android (android.graphics.Color)	4286775359 (0xFF83003F)
YUV	46.3510, 8.2080, 74.2372
Hunter-Lab	22.7688, 40.5684, 2.4946

Details

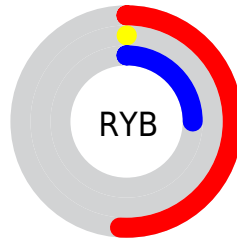
The Hex color **83003F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **008344**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **BD456E**, and **4B0015** is the 20% darker color. If you saturate the color by 10%, you get **83003F**, and if you desaturate by 10%, it is **830D46**.

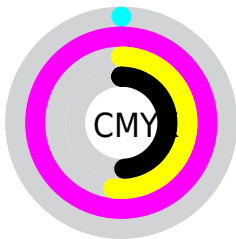
Distribution



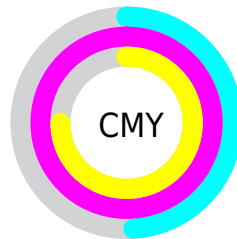
- Red (51%)
- Green (0%)
- Blue (25%)



- Red (51%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

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

 83003F

 83003F

FFFFFF

 670029

 BD456E

 4B0015

 DB6088

 320002

 F97CA2

 000000

 FF97BD

 FFB3D8

 FFD0F5

 FFEDFF

 83003F

 830D46

 831A4D

 832753

 83345A

 834261

 834F68

 835C6F

 836975

 83767C

Harmonies

Analogous

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



711A66



83003F



7F1618

Triad

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



83003F



244A00



004E87

Complementary

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



83003F



008344

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.



00516A



83003F



004F18

Square

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



83003F



4D4000



005143



004591

Rectangle

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



83003F



742800



005143



004F7F

Sweetspot

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



83003F



AB7890



440083



573746



D6D6D6



575757

Same Dimension

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



83003F



AB0052



830200



423C3F



82003F



030001

Inverse Universe

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



83003F



AB0052



008183



423C3F



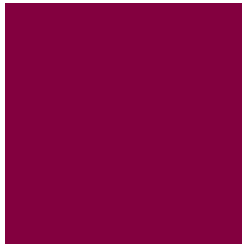
82003F



030001

Previews

White Background



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

Color Contrast Check

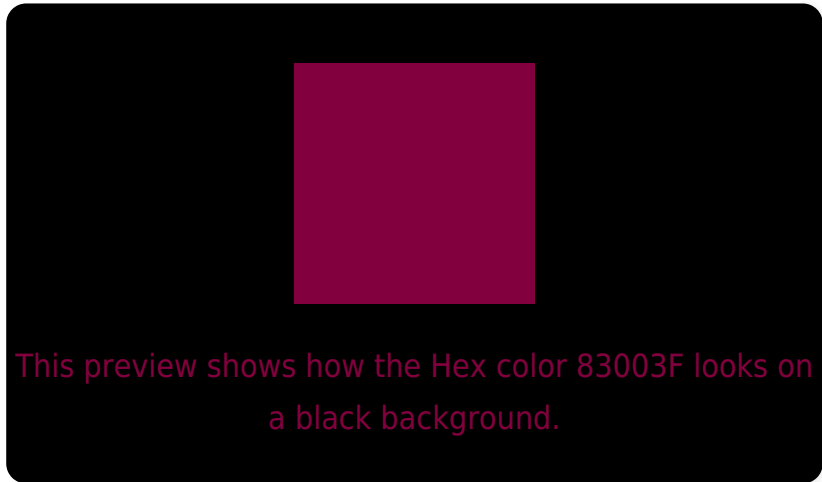
Large Text (above 18pt) WCAG AA ✓ Pass

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

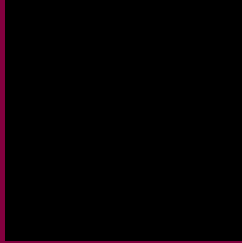
Any Text WCAG AA × Fail

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 83003F Background



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



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

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
83003F

Protanopia
3D435B

Deuteranopia
4E413A



Tritanopia
811919

Trichromacy



Original Color
83003F

Protanomaly
562B51

Deuteranomaly
61293C

Tritanomaly
821027

Monochromacy



Original Color
83003F

Achromatopsia
2E2E2E

Achromatomaly
4D1D34

CSS Examples

Text

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

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

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 #83003F colored shadow looks like.

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

Border

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

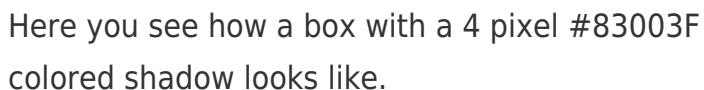
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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