

Converting Colors

Hex(82003C)

Have a look what the booklet for
Hex(82003C) contains.

Hex(82003C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82003C)

Conversions

Conversions Part 1

Format	Color
Hex	82003C
RGB	130, 0, 60
RGB Percent	51%, 0%, 24%
CMY	0.4902, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.54, 0.49
HSL	332°, 100%, 25%
HSV	332°, 100%, 51%
XYZ	10.0215, 5.0721, 4.7258
YIQ	45.7100, 58.2200, 46.2200

Conversions

Conversions Part 2

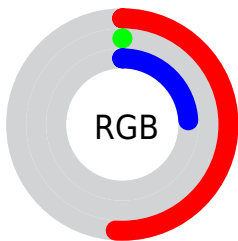
Format	Color
RYB	130, 0, 60
Decimal	8519740
CIELab	26.94, 51.13, 3.75
CIELCh	27, 51.267, 4.192
Yxy	5.0721, 0.5056, 0.2559
Android (android.graphics.Color)	4286709820 (0xFF82003C)
YUV	45.7100, 7.0450, 73.9223
Hunter-Lab	22.5213, 40.0169, 3.3237

Details

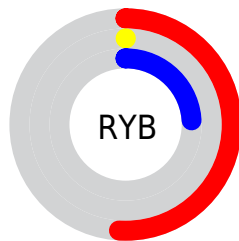
The Hex color **82003C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **008246**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **BC456B**, and **4A0012** is the 20% darker color. If you saturate the color by 10%, you get **82003C**, and if you desaturate by 10%, it is **820D43**.

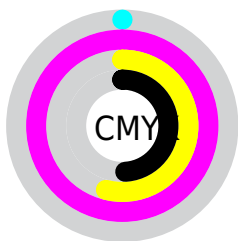
Distribution



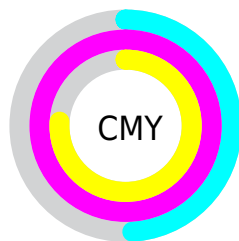
- Red (51%)
- Green (0%)
- Blue (24%)



- 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 82003C 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 82003C by changing the saturation by 10% instead.

 82003C

 82003C

FFFFFF

 660027

 BC456B

 4A0012

 DA6084

 300002

 F87B9E

 000000

 FF97B9

 FFB2D5

 FFCFF1

 FFECFF

 82003C

 820D43

 821A4A

 822751

 823458

 82415F

 824E66

 825B6D

 826874

 82757B

Harmonies

Analogous

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



711863



82003C



7D1816

Triad

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



82003C



204900



004C87

Complementary

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



82003C



008246

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.



00506B



82003C



004E1B

Square

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



82003C



4A4000



005044



00438F

Rectangle

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



82003C



712900



005044



004E7F

Sweetspot

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



82003C



A8768D



450082



543644



D4D4D4



545454

Same Dimension

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



82003C



A8004E



820400



40393C



80003B



000000

Inverse Universe

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



82003C



A8004E



007E82



40393C



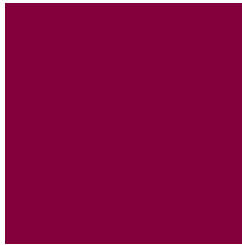
80003B



000000

Previews

White Background



This preview shows how the Hex color 82003C looks on a white background.

Color Contrast Check

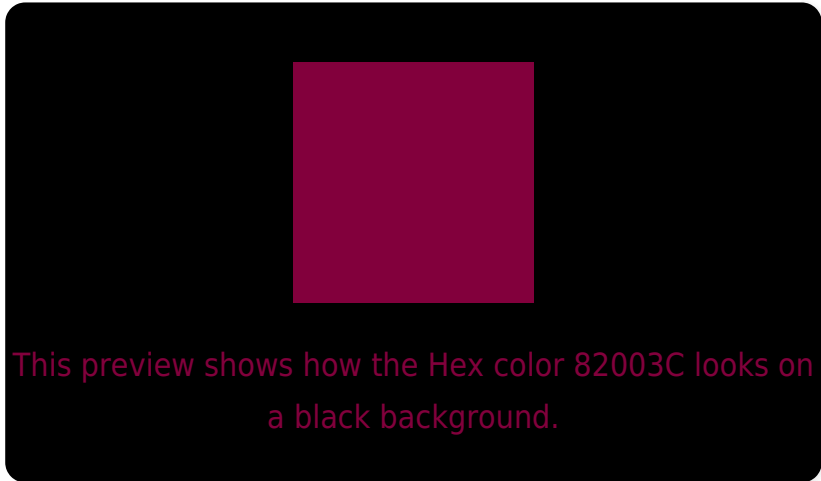
Large Text (above 18pt) WCAG AA ✓ Pass

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 82003C Background



This preview shows how black text looks on a background with the Hex color 82003C.



This preview shows how white text looks on a background with the Hex color 82003C.

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
82003C

Protanopia
3E4357

Deuteranopia
4E4137



Tritanopia
801817

Trichromacy



Original Color
82003C

Protanomaly
572B4D

Deuteranomaly
612939

Tritanomaly
810F24

Monochromacy



Original Color
82003C

Achromatopsia
2E2E2E

Achromatomaly
4D1D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 82003C 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 #82003C looks like.

```
.text, #text, p{  
  color:#82003C  
}
```

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 #82003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82003C
}
```

Border

The CSS property to change the border of an element to Hex 82003C is called "border". The border property can be set on classes, ids or directly on the HTML element.

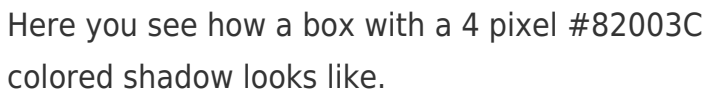
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82003C }
```

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

```
.border{ border-color:#82003C }
```

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



Here you see how a box with a 4 pixel #82003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82003C; -webkit-box-shadow:4px 4px  
4px 4px #82003C; box-shadow:4px 4px 4px  
4px #82003C }
```

Background

The CSS property to change the background color of an element to Hex 82003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82003C }
```

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

```
.background{ background-color:#82003C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor