

Converting Colors

Hex(87003C)

Have a look what the booklet for
Hex(87003C) contains.

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Color

Hex(87003C)

Conversions

Conversions Part 1

Format	Color
Hex	87003C
RGB	135, 0, 60
RGB Percent	53%, 0%, 24%
CMY	0.4706, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.56, 0.47
HSL	333°, 100%, 26%
HSV	333°, 100%, 53%
XYZ	10.8073, 5.4771, 4.7626
YIQ	47.2050, 61.2000, 47.2800

Conversions

Conversions Part 2

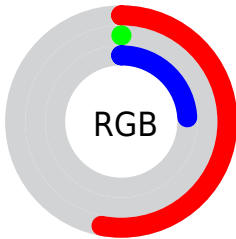
Format	Color
RYB	135, 0, 60
Decimal	8847420
CIELab	28.05, 52.35, 5.49
CIElCh	28, 52.634, 5.983
Yxy	5.4771, 0.5135, 0.2602
Android (android.graphics.Color)	4287037500 (0xFF87003C)
YUV	47.2050, 6.3079, 76.9962
Hunter-Lab	23.4033, 41.4728, 4.3168

Details

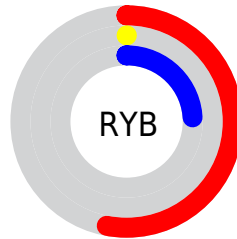
The Hex color **87003C** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00874B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **C1466B**, and **4E0012** is the 20% darker color. If you saturate the color by 10%, you get **87003C**, and if you desaturate by 10%, it is **870D44**.

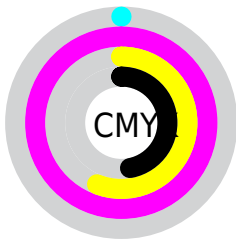
Distribution



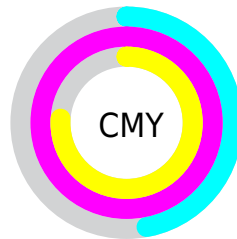
- Red (53%)
- Green (0%)
- Blue (24%)



- Red (53%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87003C 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 87003C by changing the saturation by 10% instead.

 87003C

 87003C

FFFFFF

 6A0027

 C1466B

 4E0012

 DF6184

 350002

 FE7D9E

 020000

 FF98B9

 000000

 FFB4D5

 FFD1F1

 FFEEFF

 87003C

 870D44

 871B4B

 872953

 87365A

 874462

 875169

 875E71

 876C78

 877A80

Harmonies

Analogous

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



771764



87003C



811B15

Triad

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



87003C



1E4D00



004F8D

Complementary

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



87003C



00874B

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.



005371



87003C



00511F

Square

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



87003C



4B4300



00534A



004594

Rectangle

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



87003C



742C00



00534A



005186

Sweetspot

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



87003C



B07B93



4A0087



593947



D9D9D9



595959

Same Dimension

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



87003C



B0004E



870700



423C3F



82003A



030001

Inverse Universe

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



87003C



B0004E



008087



423C3F



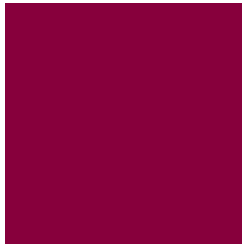
82003A



030001

Previews

White Background



This preview shows how the Hex color 87003C looks on a white background.

Color Contrast Check

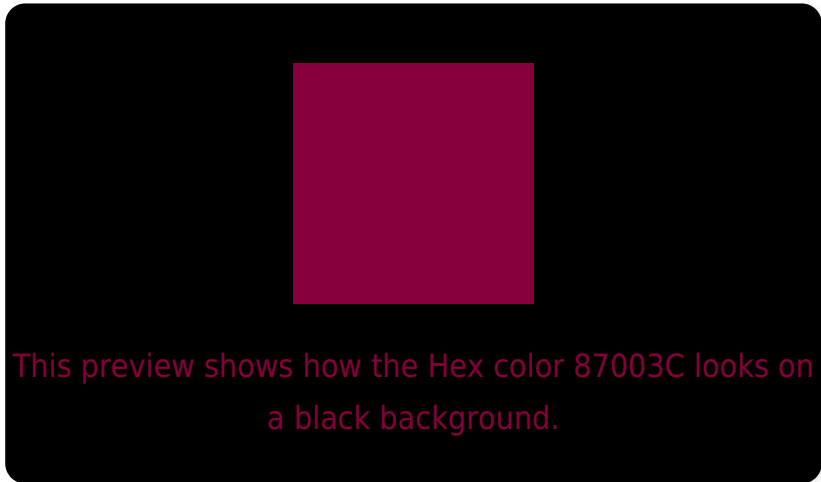
Large Text (above 18pt) WCAG AA ✓ Pass

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 87003C Background



This preview shows how black text looks on a background with the Hex color 87003C.



This preview shows how white text looks on a background with the Hex color 87003C.

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
87003C

Protanopia
414557

Deuteranopia
524336



Tritanopia
861817

Trichromacy



Original Color
87003C

Protanomaly
5A2C4D

Deuteranomaly
652B38

Tritanomaly
860F24

Monochromacy



Original Color
87003C

Achromatopsia
2F2F2F

Achromatomaly
4F1E34

CSS Examples

Text

The CSS property to change the color of the text to Hex 87003C 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 #87003C looks like.

```
.text, #text, p{  
    color:#87003C  
}
```

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 #87003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87003C
}
```

Border

The CSS property to change the border of an element to Hex 87003C is called "border". The border property can be set on classes, ids or directly on the HTML element.

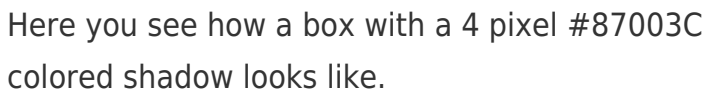
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87003C }
```

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

```
.border{ border-color:#87003C }
```

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



Here you see how a box with a 4 pixel #87003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87003C; -webkit-box-shadow:4px 4px  
4px 4px #87003C; box-shadow:4px 4px 4px  
4px #87003C }
```

Background

The CSS property to change the background color of an element to Hex 87003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87003C }
```

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

```
.background{ background-color:#87003C }
```

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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