

Converting Colors

Hex(87053B)

Have a look what the booklet for
Hex(87053B) contains.

Hex(87053B)	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(87053B)

Conversions

Conversions Part 1

Format	Color
Hex	87053B
RGB	135, 5, 59
RGB Percent	53%, 2%, 23%
CMY	0.4706, 0.9804, 0.7686
CMYK	0.00, 0.96, 0.56, 0.47
HSL	335°, 93%, 27%
HSV	335°, 96%, 53%
XYZ	10.8354, 5.5752, 4.6427
YIQ	50.0260, 60.1460, 44.3540

Conversions

Conversions Part 2

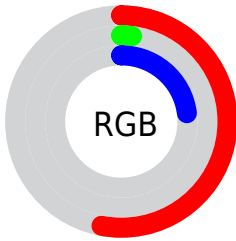
Format	Color
R_{YB}	135, 5, 59
Decimal	8848699
CIE _{Lab}	28.31, 51.43, 6.53
CIE _{LCh}	28, 51.843, 7.239
Yxy	5.5752, 0.5147, 0.2648
Android (android.graphics.Color)	4287038779 (0xFF87053B)
YUV	50.0260, 4.4242, 74.5222
Hunter-Lab	23.6119, 40.5919, 4.8704

Details

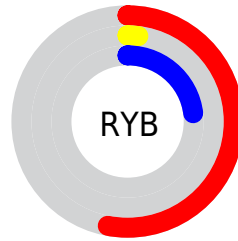
The Hex color **87053B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **058751**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **C1486A**, and **4E0011** is the 20% darker color. If you saturate the color by 10%, you get **870038**, and if you desaturate by 10%, it is **871343**.

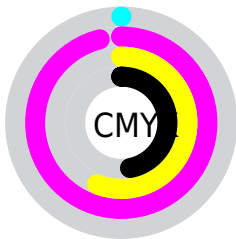
Distribution



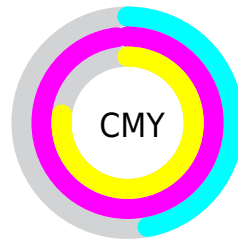
- Red (53%)
- Green (2%)
- Blue (23%)



- Red (53%)
- Yellow (2%)
- Blue (23%)



- Cyan (0%)
- Magenta (96%)
- Yellow (56%)
- Black (47%)



- Cyan (47%)
- Magenta (98%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87053B 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 87053B by changing the saturation by 10% instead.

 87053B

 87053B

FFFFFF

 6A0026

 C1486A

 4E0011

 DF6383

 350002

 FE7E9D

 030000

 FF9AB8

 000000

 FFB6D3

 FFD2F0

 FFF0FF

 87053B

 87053B

870038

871343

87204B

872E53

873B5B

874962

87566A

876472

87717A

877F82

Harmonies

Analogous

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



781863



87053B



801E14

Triad

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



87053B



1C4D00



004F8D

Complementary

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



87053B



058751

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.



005373



87053B



005222

Square

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



87053B



4A4400



00544C



004593

Rectangle

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



87053B



732E00



00544C



005186

Sweetspot

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



87053B



B07D92



510587



593A47



D9D9D9



595959

Same Dimension

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



87053B



B00049



871005



423C3E



820036



030001

Inverse Universe

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



87053B



B00049



057C87



423C3E



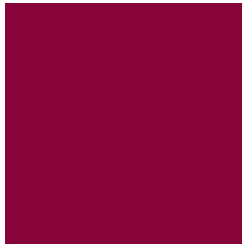
820036



030001

Previews

White Background



This preview shows how the Hex color 87053B 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 87053B Background



This preview shows how black text looks on a background with the Hex color 87053B.

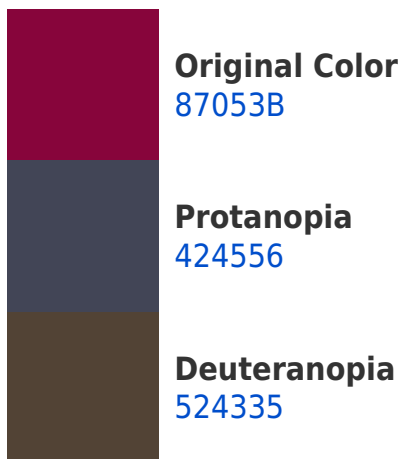


This preview shows how white text looks on a background with the Hex color 87053B.

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





Tritanopia
861817

Trichromacy



Original Color
87053B

Protanomaly
5B2E4C

Deuteranomaly
652C37

Tritanomaly
861124

Monochromacy



Original Color
87053B

Achromatopsia
323232

Achromatomaly
512235

CSS Examples

Text

The CSS property to change the color of the text to Hex 87053B 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 #87053B looks like.

```
.text, #text, p{  
    color:#87053B  
}
```

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 #87053B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87053B
}
```

Border

The CSS property to change the border of an element to Hex 87053B is called "border". The border property can be set on classes, ids or directly on the HTML element.

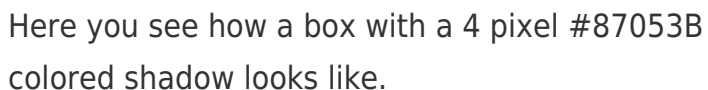
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87053B }
```

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

```
.border{ border-color:#87053B }
```

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



Here you see how a box with a 4 pixel #87053B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87053B; -webkit-box-shadow:4px 4px  
4px 4px #87053B; box-shadow:4px 4px 4px  
4px #87053B }
```

Background

The CSS property to change the background color of an element to Hex 87053B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87053B }
```

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

```
.background{ background-color:#87053B }
```

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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