

Converting Colors

Hex(87253C)

Have a look what the booklet for
Hex(87253C) contains.

Hex(87253C)	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(87253C)

Conversions

Conversions Part 1

Format	Color
Hex	87253C
RGB	135, 37, 60
RGB Percent	53%, 15%, 24%
CMY	0.4706, 0.8549, 0.7647
CMYK	0.00, 0.73, 0.56, 0.47
HSL	346°, 57%, 34%
HSV	346°, 73%, 53%
XYZ	11.4689, 6.8003, 4.9831
YIQ	68.9240, 51.0250, 27.9290

Conversions

Conversions Part 2

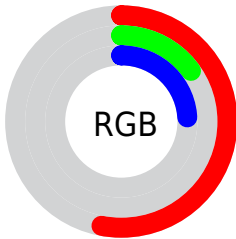
Format	Color
RYB	135, 37, 60
Decimal	8856892
CIELab	31.35, 42.99, 10.10
CIElCh	31, 44.160, 13.215
Yxy	6.8003, 0.4932, 0.2925
Android (android.graphics.Color)	4287046972 (0xFF87253C)
YUV	68.9240, -4.3995, 57.9487
Hunter-Lab	26.0773, 32.8692, 6.9245

Details

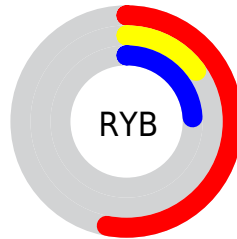
The Hex color **87253C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **258770**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **C15A6B**, and **4F0012** is the 20% darker color. If you saturate the color by 10%, you get **871832**, and if you desaturate by 10%, it is **873346**.

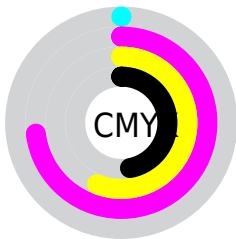
Distribution



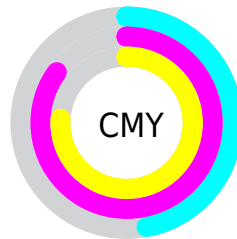
- Red (53%)
- Green (15%)
- Blue (24%)



- Red (53%)
- Yellow (15%)
- Blue (24%)



- Cyan (0%)
- Magenta (73%)
- Yellow (56%)
- Black (47%)



- Cyan (47%)
- Magenta (85%)
- Yellow (76%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87253C 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 87253C by changing the saturation by 10% instead.

 87253C

 87253C

FFFFFF

 6B0326

 C15A6B

 4F0012

 DE7484

 370001

 FC8F9E

 0E0000

 FFAAB9

 000000

 FFC6D5

 FFE3F1

 87253C

 87253C

 871832

 873346

870A27

874051

870020

874E5B

875B65

876970

87767A

878484

87918F

879F99

Harmonies

Analogous

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



7E295F



87253C



7F311B

Triad

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



87253C



235411



00538C

Complementary

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



87253C



258770

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.



005879



87253C



005834

Square

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



87253C



4C4D00



005A59



12498E

Rectangle

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



87253C



723C06



005A59



005587

Sweetspot

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



87253C



B08992



6F2587



594247



D9D9D9



595959

Same Dimension

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



87253C



B0173B



873E25



423C3D



82001F



030001

Inverse Universe

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



87253C



B0173B



256F87



423C3D



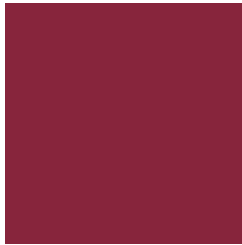
82001F



030001

Previews

White Background



This preview shows how the Hex color 87253C looks on a white background.

Color Contrast Check

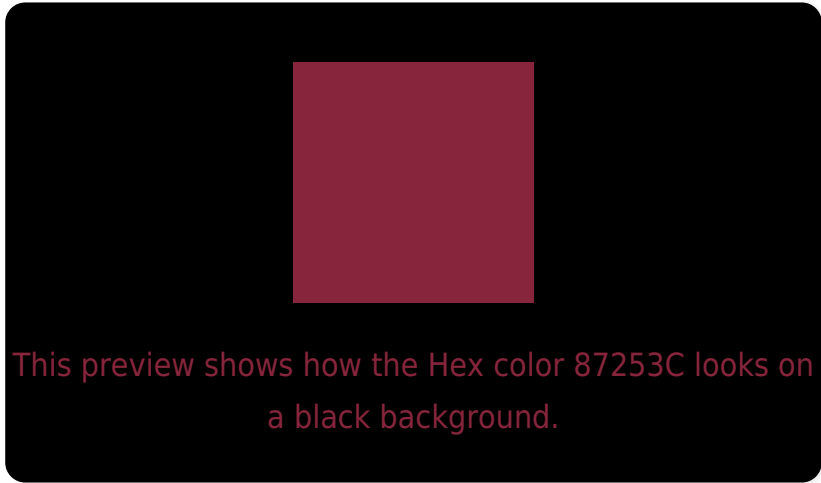
Large Text (above 18pt) WCAG AA ✓ Pass

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 87253C Background



This preview shows how black text looks on a background with the Hex color 87253C.



This preview shows how white text looks on a background with the Hex color 87253C.

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
87253C

Protanopia
4B4B4F

Deuteranopia
594837



Tritanopia
86292B

Trichromacy



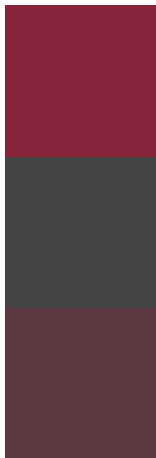
Original Color
87253C

Protanomaly
613D48

Deuteranomaly
6A3B39

Tritanomaly
862831

Monochromacy



Original Color
87253C

Achromatopsia
454545

Achromatomaly
5D3942

CSS Examples

Text

The CSS property to change the color of the text to Hex 87253C 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 #87253C looks like.

```
.text, #text, p{  
    color:#87253C  
}
```

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 #87253C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87253C
}
```

Border

The CSS property to change the border of an element to Hex 87253C is called "border". The border property can be set on classes, ids or directly on the HTML element.

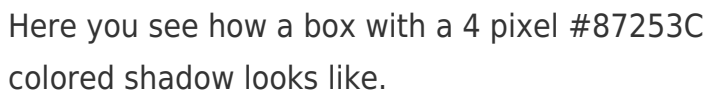
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87253C }
```

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

```
.border{ border-color:#87253C }
```

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



Here you see how a box with a 4 pixel #87253C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87253C; -webkit-box-shadow:4px 4px  
4px 4px #87253C; box-shadow:4px 4px 4px  
4px #87253C }
```

Background

The CSS property to change the background color of an element to Hex 87253C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87253C }
```

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

```
.background{ background-color:#87253C }
```

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