

Converting Colors

Hex(875C3D)

Have a look what the booklet for
Hex(875C3D) contains.

Hex(875C3D)	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(875C3D)

Conversions

Conversions Part 1

Format	Color
Hex	875C3D
RGB	135, 92, 61
RGB Percent	53%, 36%, 24%
CMY	0.4706, 0.6392, 0.7608
CMYK	0.00, 0.32, 0.55, 0.47
HSL	25°, 38%, 38%
HSV	25°, 55%, 53%
XYZ	14.6611, 13.1421, 6.1788
YIQ	101.3230, 35.5790, -0.5250

Conversions

Conversions Part 2

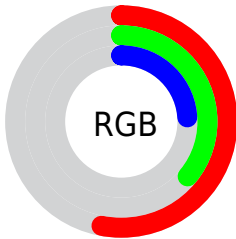
Format	Color
R_{YB}	135, 114, 61
Decimal	8870973
CIE _{Lab}	42.98, 13.94, 24.83
CIE _{LCh}	43, 28.474, 60.684
Yxy	13.1421, 0.4314, 0.3867
Android (android.graphics.Color)	4287061053 (0xFF875C3D)
YUV	101.3230, -19.8792, 29.5347
Hunter-Lab	36.2520, 8.7482, 15.2710

Details

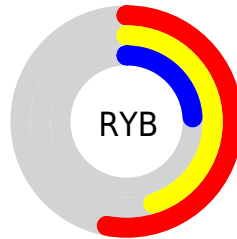
The Hex color **875C3D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D6887**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BE8E6D**, and **522E11** is the 20% darker color. If you saturate the color by 10%, you get **875430**, and if you desaturate by 10%, it is **87644B**.

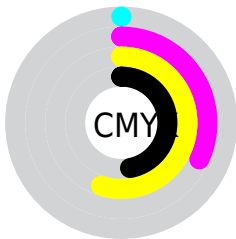
Distribution



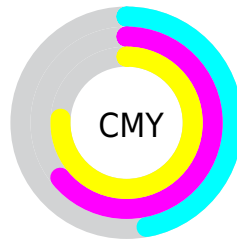
- Red (53%)
- Green (36%)
- Blue (24%)



- Red (53%)
- Yellow (45%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (55%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 875C3D 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 875C3D by changing the saturation by 10% instead.

 875C3D

 875C3D

FFFFFF

 6C4427

 BE8E6D

 522E11

 DBA987

 3A1900

 F8C4A1

 220000

 FFE0BC

 000000

 FFFDD8

 FFFFF4

 875C3D

 875C3D

 875430

 87644B

■ 874C22

■ 876C58

■ 874415

■ 877466

■ 873D07

■ 877B73

■ 873900

■ 878381

■ 878B8E

■ 87939C

■ 879BA9

■ 87A3B7

Harmonies

Analogous

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



92554F



875C3D



746436

Triad

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



875C3D



187265



695F8E

Complementary

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



875C3D



3D6887

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.



426894



875C3D



00717D

Square

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



875C3D



3F704E



086E8E



83577D

Rectangle

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



875C3D



646938



086E8E



5D6291

Sweetspot

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



875C3D



B0A094



873D68



594F48



D9D9D9



595959

Same Dimension

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



875C3D



B06C3C



87813D



423E3C



823600



030100

Inverse Universe

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



3D6887



3C7FB0



3D4387



3C4042



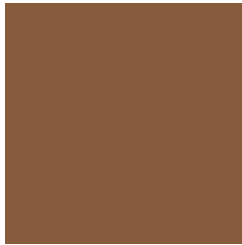
004C82



000103

Previews

White Background



This preview shows how the Hex color 875C3D looks on a white background.

Color Contrast Check

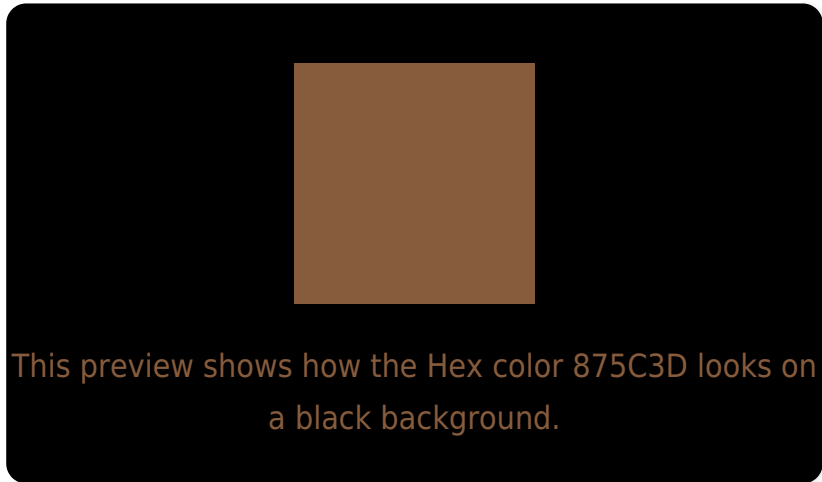
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

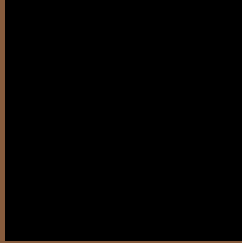
Any Text WCAG AA × Fail

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 875C3D Background



This preview shows how black text looks on a background with the Hex color 875C3D.



This preview shows how white text looks on a background with the Hex color 875C3D.

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
875C3D

Protanopia
6F6641

Deuteranopia
7C613C



Tritanopia
8A585E

Trichromacy



Original Color
875C3D

Protanomaly
786240

Deuteranomaly
805F3C

Tritanomaly
895952

Monochromacy



Original Color
875C3D

Achromatopsia
656565

Achromatomaly
716256

CSS Examples

Text

The CSS property to change the color of the text to Hex 875C3D 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 #875C3D looks like.

```
.text, #text, p{  
    color:#875C3D  
}
```

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 #875C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875C3D }  
}
```

Border

The CSS property to change the border of an element to Hex 875C3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

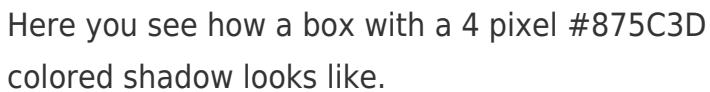
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #875C3D }  
}
```

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

```
.border{ border-color:#875C3D }
```

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



Here you see how a box with a 4 pixel #875C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875C3D; -webkit-box-shadow:4px 4px  
4px 4px #875C3D; box-shadow:4px 4px 4px  
4px #875C3D }
```

Background

The CSS property to change the background color of an element to Hex 875C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875C3D }
```

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

```
.background{ background-color:#875C3D }
```

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