

Converting Colors

Hex(87603D)

Have a look what the booklet for
Hex(87603D) contains.

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Color

Hex(87603D)

Conversions

Conversions Part 1

Format	Color
Hex	87603D
RGB	135, 96, 61
RGB Percent	53%, 38%, 24%
CMY	0.4706, 0.6235, 0.7608
CMYK	0.00, 0.29, 0.55, 0.47
HSL	28°, 38%, 38%
HSV	28°, 55%, 53%
XYZ	15.0168, 13.8536, 6.2974
YIQ	103.6710, 34.4790, -2.6170

Conversions

Conversions Part 2

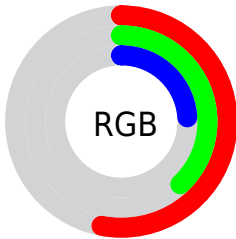
Format	Color
RYB	135, 127, 61
Decimal	8871997
CIELab	44.02, 11.59, 26.14
CIElCh	44, 28.594, 66.097
Yxy	13.8536, 0.4270, 0.3939
Android (android.graphics.Color)	4287062077 (0xFF87603D)
YUV	103.6710, -21.0368, 27.4755
Hunter-Lab	37.2204, 6.8816, 16.0228

Details

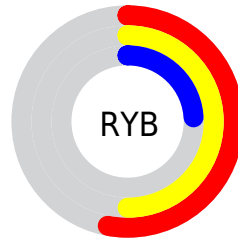
The Hex color **87603D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D6487**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BE936D**, and **523211** is the 20% darker color. If you saturate the color by 10%, you get **875930**, and if you desaturate by 10%, it is **87674B**.

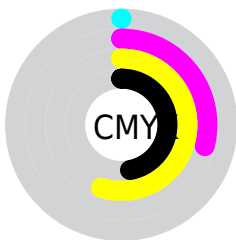
Distribution



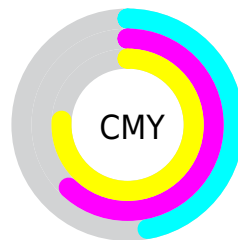
- Red (53%)
- Green (38%)
- Blue (24%)



- Red (53%)
- Yellow (50%)
- Blue (24%)



- Cyan (0%)
- Magenta (29%)
- Yellow (55%)
- Black (47%)



- Cyan (47%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87603D 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 87603D by changing the saturation by 10% instead.



87603D



87603D

FFFFFF



6C4827



BE936D



523211



DBAD87



3A1C00



F8C9A1



220500



FFE5BC



000000



FFFFD8



FFFFF5



87603D



87603D



875930



87674B

■ 875222

■ 876E58

■ 874B15

■ 877566

■ 874407

■ 877C73

■ 874000

■ 878481

■ 878B8E

■ 87929C

■ 8799A9

■ 87A0B7

Harmonies

Analogous

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



94584D



87603D



736838

Triad

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



87603D



12756C



71608E

Complementary

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



87603D



3D6487

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.



4C6997



87603D



007483

Square

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



87603D



3B7354



1B7093



8A587C

Rectangle

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



87603D



626D3C



1B7093



666393

Sweetspot

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



87603D



B0A194



873D64



595048



D9D9D9



595959

Same Dimension

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



87603D



B0733C



87853D



423F3C



823E00



030100

Inverse Universe

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



3D6487



3C79B0



3D3F87



3C3F42



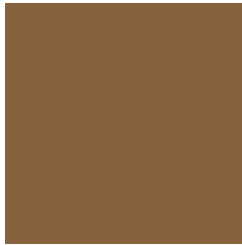
004582



000103

Previews

White Background



This preview shows how the Hex color 87603D looks on a white background.

Color Contrast Check

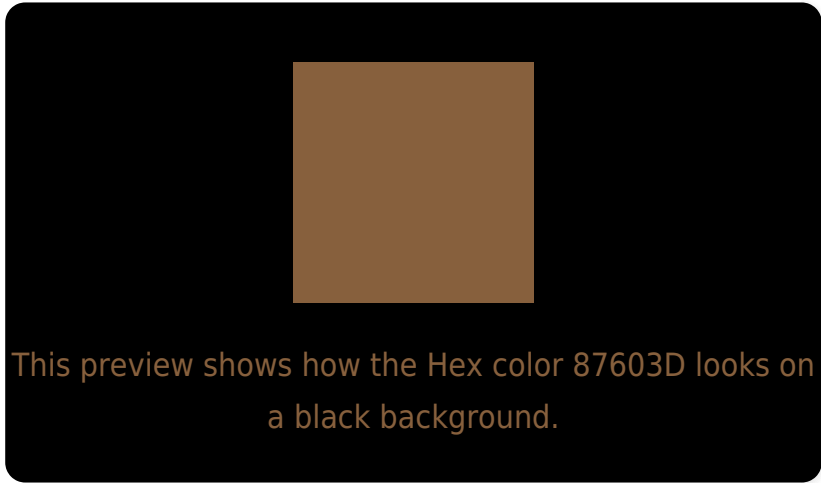
Large Text (above 18pt) WCAG AA ✓ Pass

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

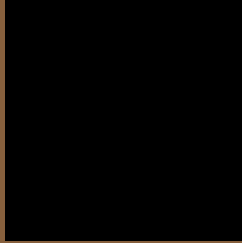
Any Text WCAG AA × Fail

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 87603D Background



This preview shows how black text looks on a background with the Hex color 87603D.



This preview shows how white text looks on a background with the Hex color 87603D.

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
87603D

Protanopia
726840

Deuteranopia
7F643C



Tritanopia
8A5B62

Trichromacy



Original Color
87603D

Protanomaly
7A653F

Deuteranomaly
82633C

Tritanomaly
895D55

Monochromacy



Original Color
87603D

Achromatopsia
686868

Achromatomaly
736558

CSS Examples

Text

The CSS property to change the color of the text to Hex 87603D 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 #87603D looks like.

```
.text, #text, p{  
    color:#87603D  
}
```

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 #87603D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87603D
}
```

Border

The CSS property to change the border of an element to Hex 87603D is called "border". The border property can be set on classes, ids or directly on the HTML element.

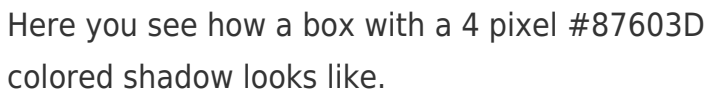
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87603D }
```

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

```
.border{ border-color:#87603D }
```

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



Here you see how a box with a 4 pixel #87603D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87603D; -webkit-box-shadow:4px 4px  
4px 4px #87603D; box-shadow:4px 4px 4px  
4px #87603D }
```

Background

The CSS property to change the background color of an element to Hex 87603D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87603D }
```

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

```
.background{ background-color:#87603D }
```

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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