

Converting Colors

Hex(876D3C)

Have a look what the booklet for
Hex(876D3C) contains.

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Color

Hex(876D3C)

Conversions

Conversions Part 1

Format	Color
Hex	876D3C
RGB	135, 109, 60
RGB Percent	53%, 43%, 24%
CMY	0.4706, 0.5725, 0.7647
CMYK	0.00, 0.19, 0.56, 0.47
HSL	39°, 38%, 38%
HSV	39°, 56%, 53%
XYZ	16.2759, 16.4144, 6.5854
YIQ	111.1880, 31.2250, -9.7270

Conversions

Conversions Part 2

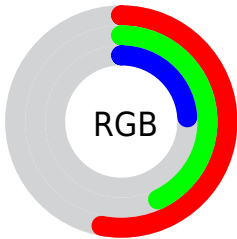
Format	Color
R_{YB}	100, 135, 60
Decimal	8875324
CIE Lab	47.51, 3.89, 31.00
CIE LCh	48, 31.243, 82.848
Yxy	16.4144, 0.4144, 0.4179
Android (android.graphics.Color)	4287065404 (0xFF876D3C)
YUV	111.1880, -25.2357, 20.8831
Hunter-Lab	40.5147, 0.8078, 18.7231

Details

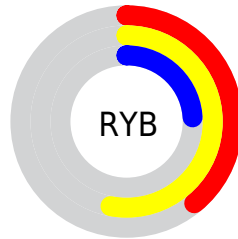
The Hex color **876D3C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C5687**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **BEA06D**, and **533E0E** is the 20% darker color. If you saturate the color by 10%, you get **87682F**, and if you desaturate by 10%, it is **87724A**.

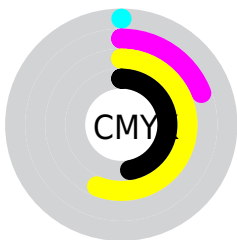
Distribution



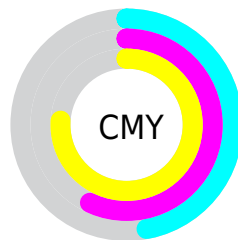
- Red (53%)
- Green (43%)
- Blue (24%)



- Red (39%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (19%)
- Yellow (56%)
- Black (47%)



- Cyan (47%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876D3C 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 876D3C by changing the saturation by 10% instead.

876D3C

876D3C

FFFFFF

6C5525

BEA06D

533E0E

DBBB86

3B2800

F8D7A1

221400

FFF3BC

000000

FFFFD8

FFFFF4

876D3C

876D3C

87682F

87724A

■ 876421

■ 877657

■ 875F13

■ 877B65

■ 875A06

■ 878072

■ 875800

■ 878480

■ 87898D

■ 878E9B

■ 8792A8

■ 8797B6

Harmonies

Analogous

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



9A6448



876D3C



6D753F

Triad

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



876D3C



007E84



8C6391

Complementary

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



876D3C



3C5687

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.



6A6CA1



876D3C



007B9A

Square

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



876D3C



277E69



3B75A5



9F5C78

Rectangle

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



876D3C



597A49



3B75A5



826697

Sweetspot

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



876D3C



B0A692



873C56



595347



D9D9D9



595959

Same Dimension

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



876D3C



B0873A



7C873C



42403C



825500



030200

Inverse Universe

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



3C5687



3A63B0



473C87



3C3E42



002D82



000103

Previews

White Background



This preview shows how the Hex color 876D3C looks on a white background.

Color Contrast Check

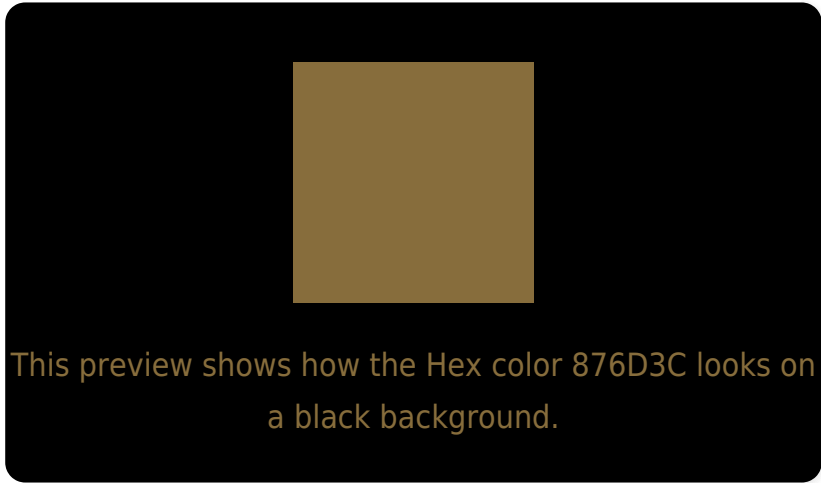
Large Text (above 18pt) WCAG AA ✓ Pass

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

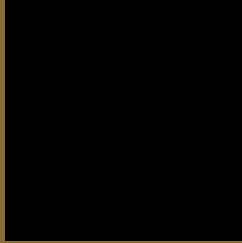
Any Text WCAG AA × Fail

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 876D3C Background



This preview shows how black text looks on a background with the Hex color 876D3C.



This preview shows how white text looks on a background with the Hex color 876D3C.

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
876D3C

Protanopia
7C713D

Deuteranopia
8A6C3C

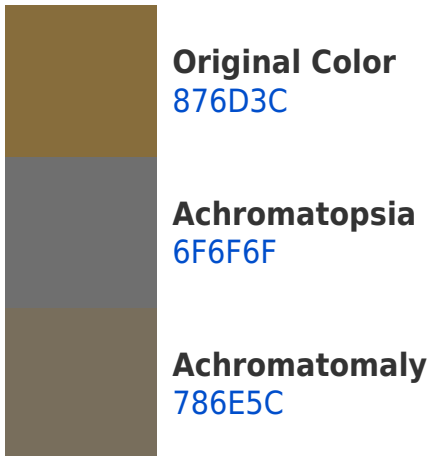


Tritanopia
8B676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 876D3C 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 #876D3C looks like.

```
.text, #text, p{  
    color:#876D3C  
}
```

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 #876D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876D3C
}
```

Border

The CSS property to change the border of an element to Hex 876D3C 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
#876D3C }
```

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

```
.border{ border-color:#876D3C }
```

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

Here you see how a box with a 4 pixel #876D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876D3C; -webkit-box-shadow:4px 4px  
4px 4px #876D3C; box-shadow:4px 4px 4px  
4px #876D3C }
```

Background

The CSS property to change the background color of an element to Hex 876D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876D3C }
```

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

```
.background{ background-color:#876D3C }
```

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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