

Converting Colors

Hex(876B48)

Have a look what the booklet for
Hex(876B48) contains.

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Color

Hex(876B48)

Conversions

Conversions Part 1

Format	Color
Hex	876B48
RGB	135, 107, 72
RGB Percent	53%, 42%, 28%
CMY	0.4706, 0.5804, 0.7176
CMYK	0.00, 0.21, 0.47, 0.47
HSL	33°, 30%, 41%
HSV	33°, 47%, 53%
XYZ	16.4191, 16.1342, 8.3797
YIQ	111.3820, 27.9230, -4.9490

Conversions

Conversions Part 2

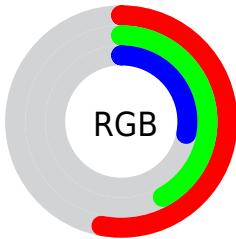
Format	Color
RYB	122, 135, 72
Decimal	8874824
CIELab	47.15, 6.27, 23.81
CIElCh	47, 24.619, 75.249
Yxy	16.1342, 0.4011, 0.3942
Android (android.graphics.Color)	4287064904 (0xFF876B48)
YUV	111.3820, -19.4153, 20.7130
Hunter-Lab	40.1674, 2.6719, 15.7481

Details

The Hex color **876B48** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **486487**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BE9E79**, and **533C1B** is the 20% darker color. If you saturate the color by 10%, you get **87653B**, and if you desaturate by 10%, it is **877156**.

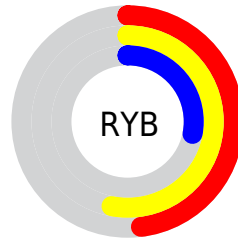
Distribution



 Red (53%)

 Green (42%)

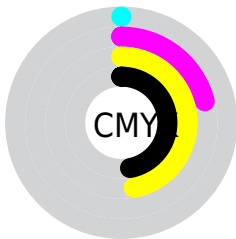
 Blue (28%)



 Red (48%)

 Yellow (53%)

 Blue (28%)

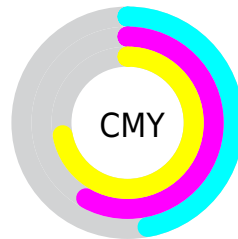



 Cyan (0%)


 Magenta (21%)

 Yellow (47%)

 Black (47%)



 Cyan (47%)

 Magenta (58%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876B48 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 876B48 by changing the saturation by 10% instead.



876B48



876B48

FFFFFF



6D5331



BE9E79



533C1B



DAB993



3B2603



F7D5AE



241200



FFF1C9



000000



FFFFE5



876B48



876B48



87653B



877156



875F2D



877763

■ 875920

■ 877D71

■ 875312

■ 87837E

■ 874D05

■ 87898C

■ 874B00

■ 878F99

■ 8795A7

■ 879BB4

■ 87A1C2

Harmonies

Analogous

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



946453



876B48



737247

Triad

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



876B48



2C7B7A



80678D

Complementary

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



876B48



486487

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.



646E98



876B48



2A798D

Square

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



876B48



437A65



437597



92617B

Rectangle

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



876B48



64764D



437597



776992

Sweetspot

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



876B48



B0A597



874864



59534A



D9D9D9



595959

Same Dimension

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



876B48



B0844D



848748



423F3C



824800



030100

Inverse Universe

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



486487



4D79B0



4B4887



3C3F42



003A82



000103

Previews

White Background



This preview shows how the Hex color 876B48 looks on a white background.

Color Contrast Check

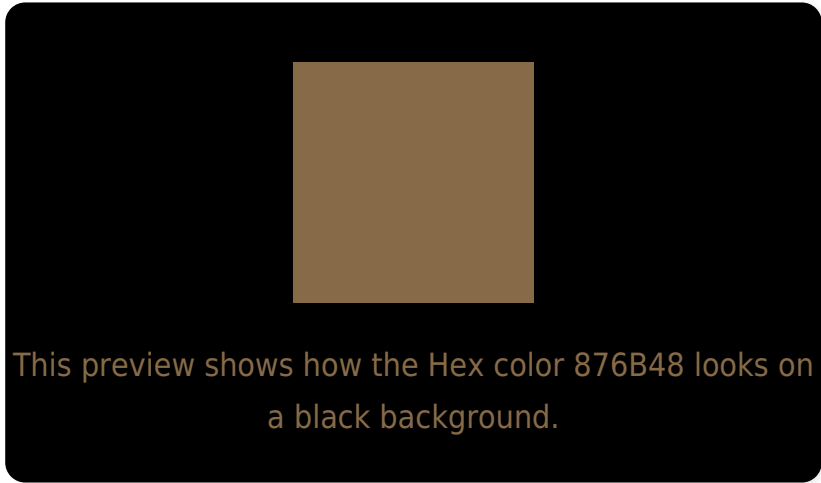
Large Text (above 18pt) WCAG AA ✓ Pass

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

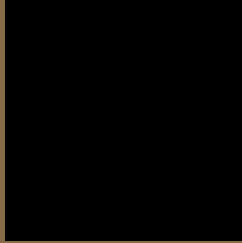
Any Text WCAG AA × Fail

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 876B48 Background



This preview shows how black text looks on a background with the Hex color 876B48.



This preview shows how white text looks on a background with the Hex color 876B48.

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
876B48

Protanopia
7A704A

Deuteranopia
876B48



Tritanopia
8B666E

Trichromacy



Original Color
876B48

Protanomaly
7F6E49

Deuteranomaly
876B48

Tritanomaly
8A6860

Monochromacy



Original Color
876B48

Achromatopsia
6F6F6F

Achromatomaly
786E61

CSS Examples

Text

The CSS property to change the color of the text to Hex 876B48 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 #876B48 looks like.

```
.text, #text, p{  
    color:#876B48  
}
```

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 #876B48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876B48  
}
```

Border

The CSS property to change the border of an element to Hex 876B48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

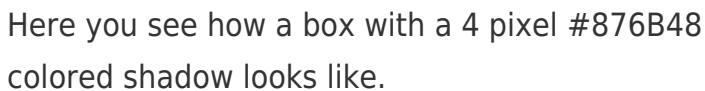
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#876B48 }
```

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

```
.border{ border-color:#876B48 }
```

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



Here you see how a box with a 4 pixel #876B48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876B48; -webkit-box-shadow:4px 4px  
4px 4px #876B48; box-shadow:4px 4px 4px  
4px #876B48 }
```

Background

The CSS property to change the background color of an element to Hex 876B48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876B48 }
```

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

```
.background{ background-color:#876B48 }
```

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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