

Converting Colors

Hex(876B43)

Have a look what the booklet for
Hex(876B43) contains.

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Color

Hex(876B43)

Conversions

Conversions Part 1

Format	Color
Hex	876B43
RGB	135, 107, 67
RGB Percent	53%, 42%, 26%
CMY	0.4706, 0.5804, 0.7373
CMYK	0.00, 0.21, 0.50, 0.47
HSL	35°, 34%, 40%
HSV	35°, 50%, 53%
XYZ	16.2625, 16.0715, 7.5552
YIQ	110.8120, 29.5280, -6.5040

Conversions

Conversions Part 2

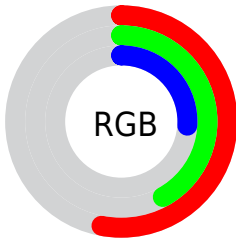
Format	Color
RYB	115, 135, 67
Decimal	8874819
CIELab	47.07, 5.73, 26.55
CIElCh	47, 27.165, 77.817
Yxy	16.0715, 0.4077, 0.4029
Android (android.graphics.Color)	4287064899 (0xFF876B43)
YUV	110.8120, -21.5993, 21.2129
Hunter-Lab	40.0893, 2.2534, 16.8888

Details

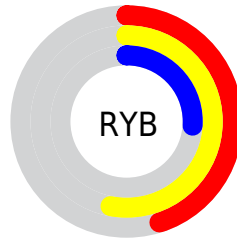
The Hex color **876B43** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **435F87**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **BE9E74**, and **533C16** is the 20% darker color. If you saturate the color by 10%, you get **876536**, and if you desaturate by 10%, it is **877151**.

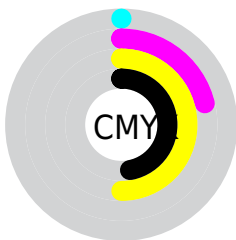
Distribution



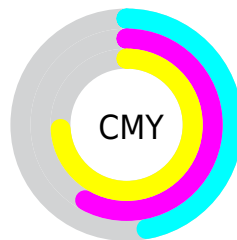
- Red (53%)
- Green (42%)
- Blue (26%)



- Red (45%)
- Yellow (53%)
- Blue (26%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876B43 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 876B43 by changing the saturation by 10% instead.



876B43



876B43

FFFFFF



6D532C



BE9E74



533C16



DAB98E



3B2600



F7D5A8



231200



FFF1C3



000000



FFFFE0



FFFFFC



876B43



876B43



876536



877151

■ 876028

■ 87765E

■ 875A1B

■ 877C6C

■ 87550D

■ 878179

■ 874F00

■ 878787

■ 878C94

■ 8792A2

■ 8797AF

■ 879DBD

Harmonies

Analogous

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



97634F



876B43



717243

Triad

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



876B43



1B7C7D



83658E

Complementary

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



876B43



435F87

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.



656D9B



876B43



197A91

Square

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



876B43



3A7B65



3F759C



965F7A

Rectangle

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



876B43



60764B



3F759C



7A6794

Sweetspot

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



876B43



B0A596



87435F



595349



D9D9D9



595959

Same Dimension

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



876B43



B08446



818743



42403C



824D00



030200

Inverse Universe

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



435F87



4672B0



494387



3C3E42



003682



000103

Previews

White Background



This preview shows how the Hex color 876B43 looks on a white background.

Color Contrast Check

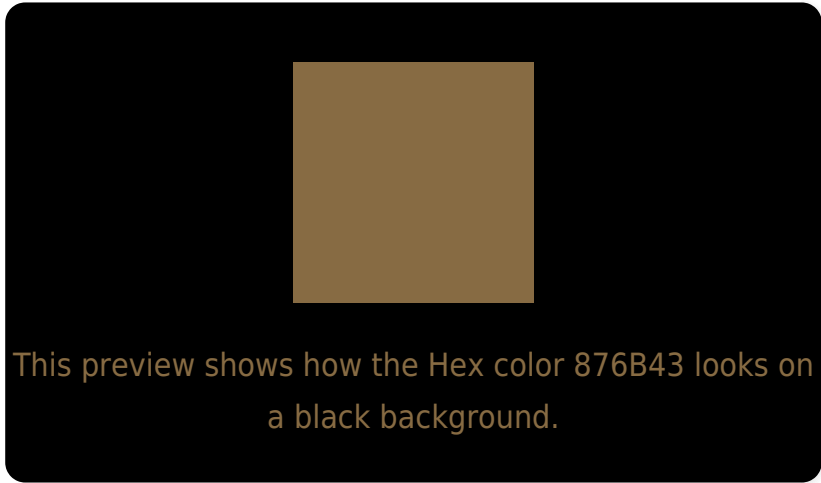
Large Text (above 18pt) WCAG AA ✓ Pass

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

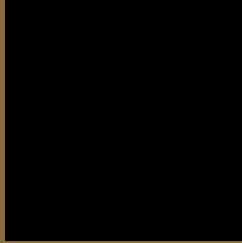
Any Text WCAG AA × Fail

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 876B43 Background



This preview shows how black text looks on a background with the Hex color 876B43.



This preview shows how white text looks on a background with the Hex color 876B43.

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
876B43

Protanopia
7A7045

Deuteranopia
886B43



Tritanopia
8B666E

Trichromacy



Original Color
876B43

Protanomaly
7F6E44

Deuteranomaly
886B43

Tritanomaly
8A685E

Monochromacy



Original Color
876B43

Achromatopsia
6F6F6F

Achromatomaly
786E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 876B43 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 #876B43 looks like.

```
.text, #text, p{  
    color:#876B43  
}
```

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 #876B43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876B43
}
```

Border

The CSS property to change the border of an element to Hex 876B43 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
#876B43 }
```

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

```
.border{ border-color:#876B43 }
```

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

Here you see how a box with a 4 pixel #876B43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876B43; -webkit-box-shadow:4px 4px  
4px 4px #876B43; box-shadow:4px 4px 4px  
4px #876B43 }
```

Background

The CSS property to change the background color of an element to Hex 876B43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876B43 }
```

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

```
.background{ background-color:#876B43 }
```

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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