

Converting Colors

Hex(876A38)

Have a look what the booklet for
Hex(876A38) contains.

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Color

Hex(876A38)

Conversions

Conversions Part 1

Format	Color
Hex	876A38
RGB	135, 106, 56
RGB Percent	53%, 42%, 22%
CMY	0.4706, 0.5843, 0.7804
CMYK	0.00, 0.21, 0.59, 0.47
HSL	38°, 41%, 37%
HSV	38°, 59%, 53%
XYZ	15.8595, 15.7445, 5.9445
YIQ	108.9710, 33.3340, -9.4020

Conversions

Conversions Part 2

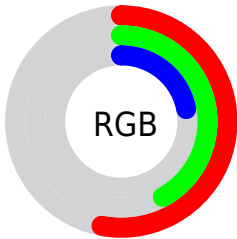
Format	Color
RYB	102, 135, 56
Decimal	8874552
CIELab	46.64, 5.28, 32.12
CIELCh	47, 32.554, 80.670
Yxy	15.7445, 0.4224, 0.4193
Android (android.graphics.Color)	4287064632 (0xFF876A38)
YUV	108.9710, -26.1147, 22.8274
Hunter-Lab	39.6793, 1.9062, 18.8931

Details

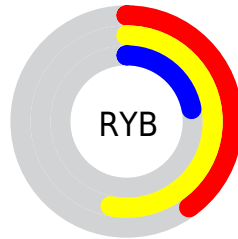
The Hex color **876A38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **385587**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BE9D68**, and **523B0A** is the 20% darker color. If you saturate the color by 10%, you get **87652B**, and if you desaturate by 10%, it is **876F46**.

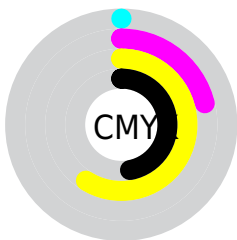
Distribution



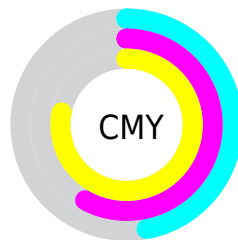
- Red (53%)
- Green (42%)
- Blue (22%)



- Red (40%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (59%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876A38 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 876A38 by changing the saturation by 10% instead.



876A38



876A38

FFFFFF



6C5221



BE9D68



523B0A



DBB882



3A2500



F8D49C



211100



FFF0B7



000000



FFFFD3



FFFFFF0



876A38



876A38



87652B



876F46

■ 87601D

■ 877453

■ 875B10

■ 877961

■ 875602

■ 877E6E

■ 875500

■ 87837C

■ 878889

■ 878D97

■ 8792A4

■ 8797B2

Harmonies

Analogous

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



9A6045



876A38



6D733A

Triad

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



876A38



007D81



886091

Complementary

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



876A38



385587

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.



646BA2



876A38



007A98

Square

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



876A38



227C65



2F74A4



9D5978

Rectangle

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



876A38



587744



2F74A4



7E6498

Sweetspot

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



876A38



B0A490



873856



595246



D9D9D9



595959

Same Dimension

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



876A38



B08335



7E8738



42403C



825200



030200

Inverse Universe

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



385587



3562B0



413887



3C3E42



003082



000103

Previews

White Background



This preview shows how the Hex color 876A38 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

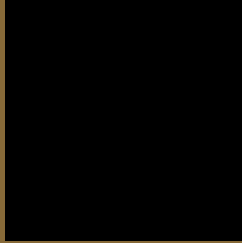
Any Text WCAG AA × Fail

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 876A38 Background



This preview shows how black text looks on a background with the Hex color 876A38.



This preview shows how white text looks on a background with the Hex color 876A38.

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
876A38

Protanopia
7A6F3A

Deuteranopia
886A38



Tritanopia
8B646C

Trichromacy



Original Color
876A38

Protanomaly
7F6D39

Deuteranomaly
886A38

Tritanomaly
8A6659

Monochromacy



Original Color
876A38

Achromatopsia
6D6D6D

Achromatomaly
766C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 876A38 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 #876A38 looks like.

```
.text, #text, p{  
    color:#876A38  
}
```

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 #876A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876A38
}
```

Border

The CSS property to change the border of an element to Hex 876A38 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
#876A38 }
```

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

```
.border{ border-color:#876A38 }
```

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

Here you see how a box with a 4 pixel #876A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876A38; -webkit-box-shadow:4px 4px  
4px 4px #876A38; box-shadow:4px 4px 4px  
4px #876A38 }
```

Background

The CSS property to change the background color of an element to Hex 876A38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876A38 }
```

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

```
.background{ background-color:#876A38 }
```

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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