

Converting Colors

Hex(816D4B)

Have a look what the booklet for
Hex(816D4B) contains.

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Color

Hex(816D4B)

Conversions

Conversions Part 1

Format	Color
Hex	816D4B
RGB	129, 109, 75
RGB Percent	51%, 43%, 29%
CMY	0.4941, 0.5725, 0.7059
CMYK	0.00, 0.16, 0.42, 0.49
HSL	38°, 26%, 40%
HSV	38°, 42%, 51%
XYZ	15.7919, 16.1124, 8.9343
YIQ	111.1040, 22.8340, -6.3340

Conversions

Conversions Part 2

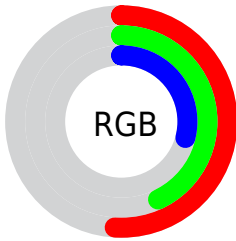
Format	Color
RYB	107, 129, 75
Decimal	8482123
CIELab	47.12, 2.80, 21.92
CIELCh	47, 22.100, 82.723
Yxy	16.1124, 0.3867, 0.3945
Android (android.graphics.Color)	4286672203 (0xFF816D4B)
YUV	111.1040, -17.7993, 15.6948
Hunter-Lab	40.1403, -0.0204, 14.9016

Details

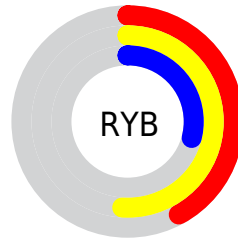
The Hex color **816D4B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B5F81**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B7A07C**, and **4E3E1E** is the 20% darker color. If you saturate the color by 10%, you get **81683E**, and if you desaturate by 10%, it is **817258**.

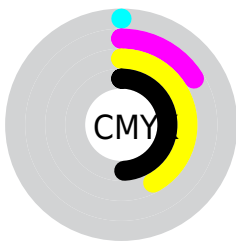
Distribution



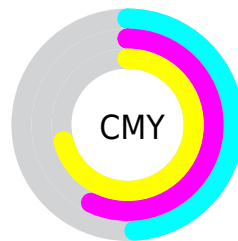
- Red (51%)
- Green (43%)
- Blue (29%)



- Red (42%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (16%)
- Yellow (42%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816D4B 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 816D4B by changing the saturation by 10% instead.



816D4B



816D4B

FFFFFF



675534



B7A07C



4E3E1E



D3BB96



372807



F0D7B1



201400



FFF3CC



000000



FFFFE9



816D4B



816D4B



81683E



817258





816331





817765

 815F24


 817B72

 815A17

 81807F

 81550A

 81858C

 815100

 818A98

 818EA5

 8193B2

 8198BF

Harmonies

Analogous

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



8F6753



816D4B



6E734D

Triad

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



816D4B



357A7D



836686

Complementary

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



816D4B



4B5F81

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.



6C6D92



816D4B



3A778D

Square

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



816D4B



447A6A



517394



916275

Rectangle

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



816D4B



607654



517394



7C688B

Sweetspot

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



816D4B



A8A092



814B60



544F47



D4D4D4



545454

Same Dimension

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



816D4B



A88954



7B814B



403D39



805000



000000

Inverse Universe

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



4B5F81



5473A8



514B81



393C40



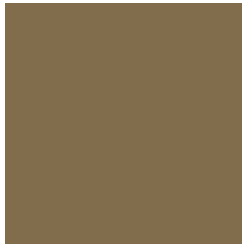
002F80



000000

Previews

White Background



This preview shows how the Hex color 816D4B 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

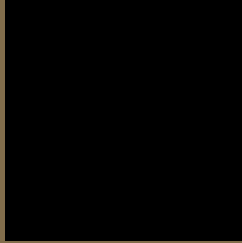
Any Text WCAG AA × Fail

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 816D4B Background



This preview shows how black text looks on a background with the Hex color 816D4B.



This preview shows how white text looks on a background with the Hex color 816D4B.

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

816D4B

Protanopia

79704C

Deuteranopia

866B4B



Tritanopia
856870

Trichromacy



Original Color
816D4B

Protanomaly
7C6F4C

Deuteranomaly
846C4B

Tritanomaly
846A63

Monochromacy



Original Color
816D4B

Achromatopsia
6F6F6F

Achromatomaly
766E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 816D4B 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 #816D4B looks like.

```
.text, #text, p{  
    color:#816D4B  
}
```

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 #816D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816D4B
}
```

Border

The CSS property to change the border of an element to Hex 816D4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

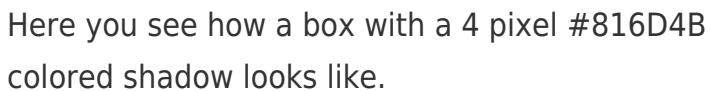
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816D4B }
```

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

```
.border{ border-color:#816D4B }
```

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



Here you see how a box with a 4 pixel #816D4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816D4B; -webkit-box-shadow:4px 4px  
4px 4px #816D4B; box-shadow:4px 4px 4px  
4px #816D4B }
```

Background

The CSS property to change the background color of an element to Hex 816D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816D4B }
```

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

```
.background{ background-color:#816D4B }
```

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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