

Converting Colors

Hex(816A2E)

Have a look what the booklet for
Hex(816A2E) contains.

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Color

Hex(816A2E)

Conversions

Conversions Part 1

Format	Color
Hex	816A2E
RGB	129, 106, 46
RGB Percent	51%, 42%, 18%
CMY	0.4941, 0.5843, 0.8196
CMYK	0.00, 0.18, 0.64, 0.49
HSL	43°, 47%, 34%
HSV	43°, 64%, 51%
XYZ	14.7004, 15.1725, 4.7385
YIQ	106.0370, 32.9680, -13.7840

Conversions

Conversions Part 2

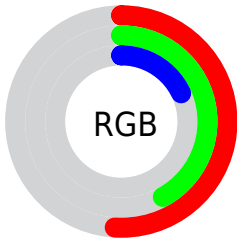
Format	Color
RYB	78, 129, 46
Decimal	8481326
CIELab	45.87, 1.71, 36.32
CIELCh	46, 36.363, 87.302
Yxy	15.1725, 0.4247, 0.4384
Android (android.graphics.Color)	4286671406 (0xFF816A2E)
YUV	106.0370, -29.5982, 20.1386
Hunter-Lab	38.9518, -0.7997, 20.0536

Details

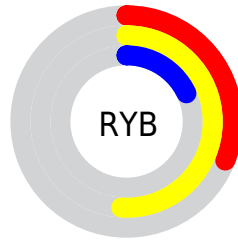
The Hex color **816A2E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2E4581**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B89D5E**, and **4D3B00** is the 20% darker color. If you saturate the color by 10%, you get **816621**, and if you desaturate by 10%, it is **816E3B**.

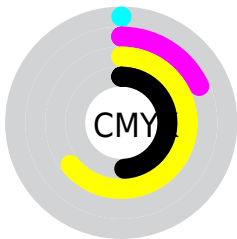
Distribution



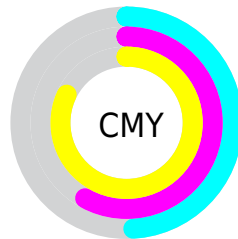
- Red (51%)
- Green (42%)
- Blue (18%)



- Red (31%)
- Yellow (51%)
- Blue (18%)



- Cyan (0%)
- Magenta (18%)
- Yellow (64%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816A2E 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 816A2E by changing the saturation by 10% instead.



816A2E



816A2E

FFFFFF



665216



B89D5E



4D3B00



D5B878



342600



F2D392



1C1100



FFF0AD



000000



FFFFC8



FFFFE5



816A2E



816A2E



816621



816E3B

■ 816314

■ 817148

■ 815F07

■ 817555

■ 815D00

■ 817862

■ 817C6F

■ 817F7B

■ 818388

■ 818795

■ 818AA2

Harmonies

Analogous

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



985F3A



816A2E



637334

Triad

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



816A2E



007C88



905A8E

Complementary

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



816A2E



2E4581

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.



6A66A3



816A2E



00789F

Square

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



816A2E



007C69



2D71A9



A35371

Rectangle

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



816A2E



4B7742



2D71A9



855E96

Sweetspot

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



816A2E



A89F88



812E46



544F41



D4D4D4



545454

Same Dimension

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



816A2E



A88427



6F812E



403E39



805C00



000000

Inverse Universe

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



2E4581



274BA8



402E81



393B40



002380



000000

Previews

White Background



This preview shows how the Hex color 816A2E looks on a white background.

Color Contrast Check

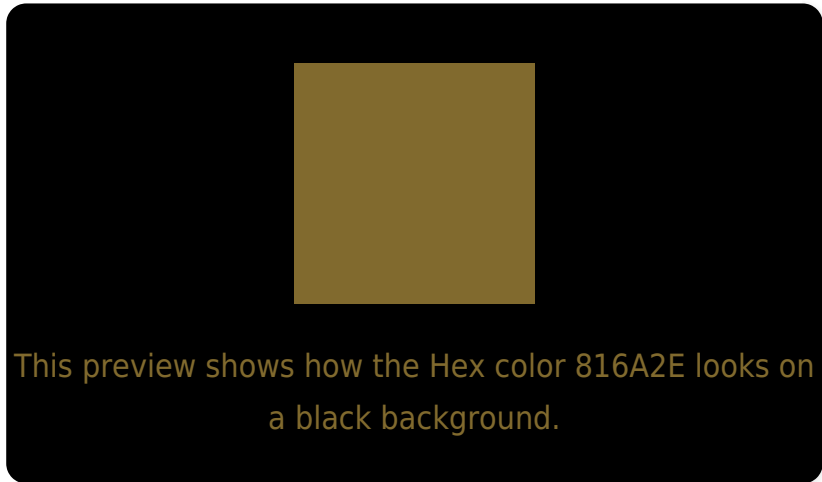
Large Text (above 18pt) WCAG AA ✓ Pass

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

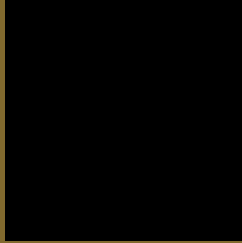
Any Text WCAG AA × Fail

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 816A2E Background



This preview shows how black text looks on a background with the Hex color 816A2E.



This preview shows how white text looks on a background with the Hex color 816A2E.

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
816A2E

Protanopia
796D2F

Deuteranopia
87672F



Tritanopia
86646B

Trichromacy



Original Color
816A2E

Protanomaly
7C6C2F

Deuteranomaly
85682F

Tritanomaly
846655

Monochromacy



Original Color
816A2E

Achromatopsia
6A6A6A

Achromatomaly
726A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 816A2E 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 #816A2E looks like.

```
.text, #text, p{  
    color:#816A2E  
}
```

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 #816A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816A2E
}
```

Border

The CSS property to change the border of an element to Hex 816A2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

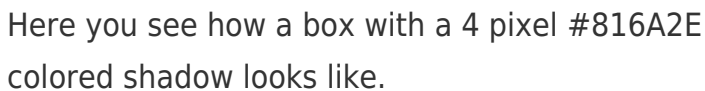
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816A2E }
```

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

```
.border{ border-color:#816A2E }
```

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



Here you see how a box with a 4 pixel #816A2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816A2E; -webkit-box-shadow:4px 4px  
4px 4px #816A2E; box-shadow:4px 4px 4px  
4px #816A2E }
```

Background

The CSS property to change the background color of an element to Hex 816A2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816A2E }
```

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

```
.background{ background-color:#816A2E }
```

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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