

Converting Colors

Hex(806A2A)

Have a look what the booklet for
Hex(806A2A) contains.

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Color

Hex(806A2A)

Conversions

Conversions Part 1

Format	Color
Hex	806A2A
RGB	128, 106, 42
RGB Percent	50%, 42%, 16%
CMY	0.4980, 0.5843, 0.8353
CMYK	0.00, 0.17, 0.67, 0.50
HSL	45°, 51%, 33%
HSV	45°, 67%, 50%
XYZ	14.4740, 15.0644, 4.3353
YIQ	105.2820, 33.6560, -15.2400

Conversions

Conversions Part 2

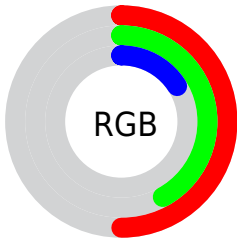
Format	Color
RYB	72, 128, 42
Decimal	8415786
CIELab	45.72, 0.96, 38.12
CIELCh	46, 38.136, 88.556
Yxy	15.0644, 0.4273, 0.4447
Android (android.graphics.Color)	4286605866 (0xFF806A2A)
YUV	105.2820, -31.1980, 19.9237
Hunter-Lab	38.8129, -1.3567, 20.5464

Details

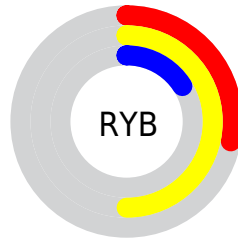
The Hex color **806A2A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A4080**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B79D5B**, and **4C3B00** is the 20% darker color. If you saturate the color by 10%, you get **80671D**, and if you desaturate by 10%, it is **806D37**.

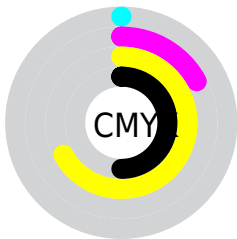
Distribution



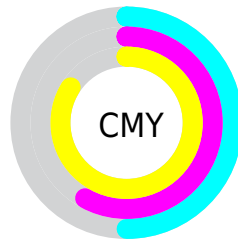
- Red (50%)
- Green (42%)
- Blue (16%)



- Red (28%)
- Yellow (50%)
- Blue (16%)



- Cyan (0%)
- Magenta (17%)
- Yellow (67%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806A2A 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 806A2A by changing the saturation by 10% instead.



806A2A



806A2A

FFFFFF



655211



B79D5B



4C3B00



D4B874



332600



F1D38E



1A1100



FFF0A9



000000



FFFFC4



FFFFE1

FFFFFFE



806A2A



806A2A

■ 80671D

■ 806D37

■ 806310

■ 807144

■ 806004

■ 807450

■ 805F00

■ 80775D

■ 807A6A

■ 807E77

■ 808184

■ 808490

■ 80879D

Harmonies

Analogous

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



995E36



806A2A



607332

Triad

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



806A2A



007C8A



92588E

Complementary

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



806A2A



2A4080

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.



6C65A4



806A2A



0078A2

Square

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



806A2A



007C6A



2970AC



A5516F

Rectangle

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



806A2A



467840



2970AC



875C97

Sweetspot

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



806A2A



A69D85



802A41



544F40



D4D4D4



545454

Same Dimension

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



806A2A



A6831F



6C802A



403E39



805F00



000000

Inverse Universe

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



2A4080



1F42A6



3E2A80



393B40



002180



000000

Previews

White Background



This preview shows how the Hex color 806A2A looks on a white background.

Color Contrast Check

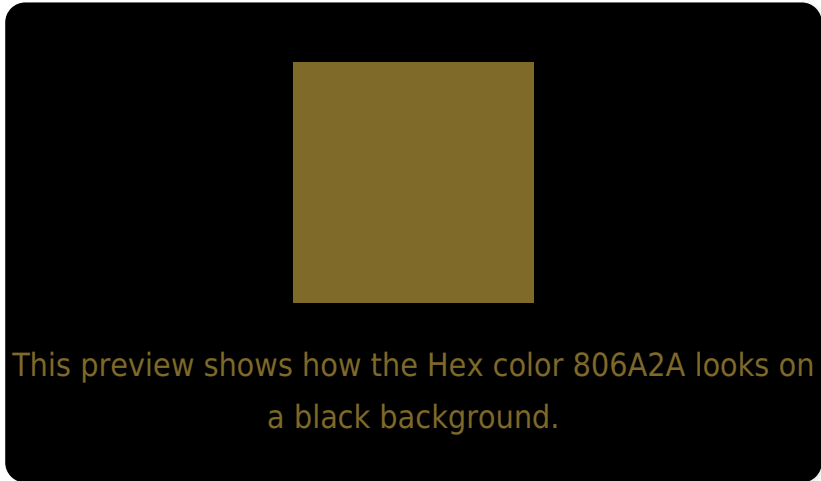
Large Text (above 18pt) WCAG AA ✓ Pass

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

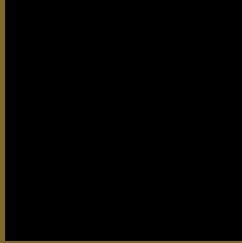
Any Text WCAG AA × Fail

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 806A2A Background



This preview shows how black text looks on a background with the Hex color 806A2A.



This preview shows how white text looks on a background with the Hex color 806A2A.

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
806A2A

Protanopia
796D2B

Deuteranopia
87672B



Tritanopia
85636B

Trichromacy



Original Color
806A2A

Protanomaly
7C6C2B

Deuteranomaly
84682B

Tritanomaly
836653

Monochromacy



Original Color
806A2A

Achromatopsia
696969

Achromatomaly
716952

CSS Examples

Text

The CSS property to change the color of the text to Hex 806A2A 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 #806A2A looks like.

```
.text, #text, p{  
    color:#806A2A  
}
```

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 #806A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806A2A
}
```

Border

The CSS property to change the border of an element to Hex 806A2A 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
#806A2A }
```

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

```
.border{ border-color:#806A2A }
```

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

Here you see how a box with a 4 pixel #806A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806A2A; -webkit-box-shadow:4px 4px  
4px 4px #806A2A; box-shadow:4px 4px 4px  
4px #806A2A }
```

Background

The CSS property to change the background color of an element to Hex 806A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806A2A }
```

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

```
.background{ background-color:#806A2A }
```

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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