

Converting Colors

Hex(846C28)

Have a look what the booklet for
Hex(846C28) contains.

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Color

Hex(846C28)

Conversions

Conversions Part 1

Format	Color
Hex	846C28
RGB	132, 108, 40
RGB Percent	52%, 42%, 16%
CMY	0.4824, 0.5765, 0.8431
CMYK	0.00, 0.18, 0.70, 0.48
HSL	44°, 53%, 34%
HSV	44°, 70%, 52%
XYZ	15.2613, 15.7839, 4.2497
YIQ	107.4240, 36.1320, -16.0600

Conversions

Conversions Part 2

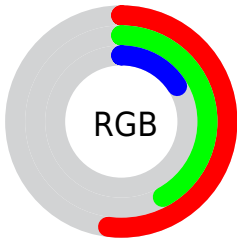
Format	Color
RYB	72, 132, 40
Decimal	8678440
CIELab	46.69, 1.55, 40.24
CIELCh	47, 40.274, 87.798
Yxy	15.7839, 0.4324, 0.4472
Android (android.graphics.Color)	4286868520 (0xFF846C28)
YUV	107.4240, -33.2400, 21.5532
Hunter-Lab	39.7289, -0.9574, 21.4681

Details

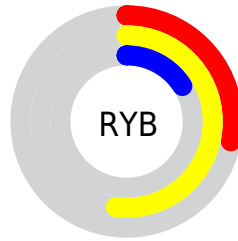
The Hex color **846C28** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **284084**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BC9F59**, and **4F3D00** is the 20% darker color. If you saturate the color by 10%, you get **84691B**, and if you desaturate by 10%, it is **846F35**.

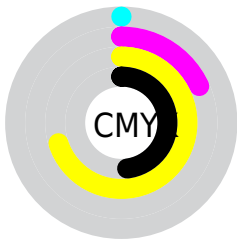
Distribution



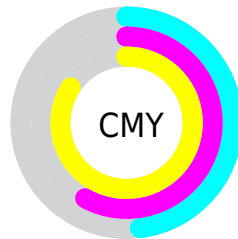
- Red (52%)
- Green (42%)
- Blue (16%)



- Red (28%)
- Yellow (52%)
- Blue (16%)



- Cyan (0%)
- Magenta (18%)
- Yellow (70%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846C28 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 846C28 by changing the saturation by 10% instead.



846C28



846C28

FFFFFF



69540F



BC9F59



4F3D00



D8BA72



362700



F6D68C



1E1300



FFF2A7



000000



FFFFC3



FFFDFD



FFFDFC



846C28



846C28

■ 84691B

■ 846F35

■ 84650E

■ 847342

■ 846200

■ 847650

■ 847A5D

■ 847D6A

■ 848177

■ 848484

■ 848892

■ 848B9F

Harmonies

Analogous

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



9E5F36



846C28



627630

Triad

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



846C28



007F8D



965993

Complementary

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



846C28



284084

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.



6C67AB



846C28



007BA7

Square

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



846C28



007F6B



1F73B2



AB5173

Rectangle

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



846C28



477B3F



1F73B2



8A5E9C

Sweetspot

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



846C28



ABA187



842841



575141



D6D6D6



575757

Same Dimension

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



846C28



AB851B



6F8428



42413C



826000



030200

Inverse Universe

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



284084



1B41AB



3D2884



3C3D42



002282



000103

Previews

White Background



This preview shows how the Hex color 846C28 looks on a white background.

Color Contrast Check

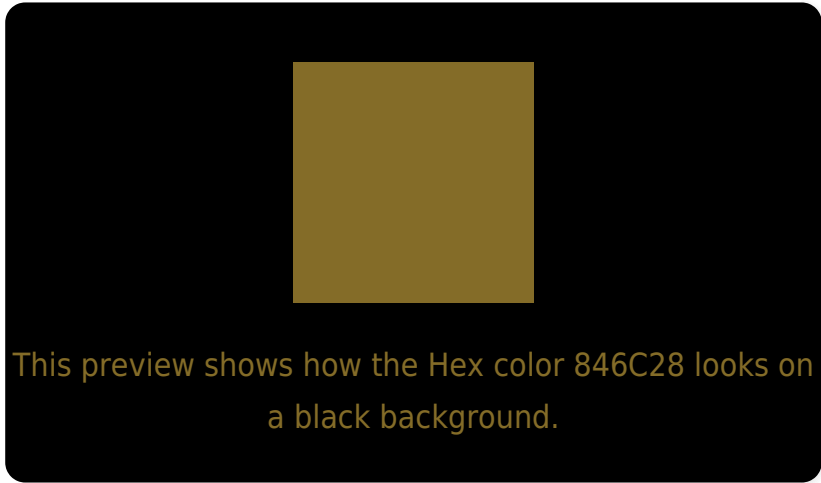
Large Text (above 18pt) WCAG AA ✓ Pass

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 846C28 Background



This preview shows how black text looks on a background with the Hex color 846C28.



This preview shows how white text looks on a background with the Hex color 846C28.

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
846C28

Protanopia
7C6F29

Deuteranopia
8A6929



Tritanopia
89656D

Trichromacy



Original Color
846C28

Protanomaly
7F6E29

Deuteranomaly
886A29

Tritanomaly
876854

Monochromacy



Original Color
846C28

Achromatopsia
6B6B6B

Achromatomaly
746B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 846C28 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 #846C28 looks like.

```
.text, #text, p{  
    color:#846C28  
}
```

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 #846C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846C28
}
```

Border

The CSS property to change the border of an element to Hex 846C28 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
#846C28 }
```

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

```
.border{ border-color:#846C28 }
```

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

Here you see how a box with a 4 pixel #846C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846C28; -webkit-box-shadow:4px 4px  
4px 4px #846C28; box-shadow:4px 4px 4px  
4px #846C28 }
```

Background

The CSS property to change the background color of an element to Hex 846C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846C28 }
```

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

```
.background{ background-color:#846C28 }
```

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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