

Converting Colors

Hex(846C31)

Have a look what the booklet for
Hex(846C31) contains.

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Color

Hex(846C31)

Conversions

Conversions Part 1

Format	Color
Hex	846C31
RGB	132, 108, 49
RGB Percent	52%, 42%, 19%
CMY	0.4824, 0.5765, 0.8078
CMYK	0.00, 0.18, 0.63, 0.48
HSL	43°, 46%, 35%
HSV	43°, 63%, 52%
XYZ	15.4327, 15.8524, 5.1522
YIQ	108.4500, 33.2430, -13.2610

Conversions

Conversions Part 2

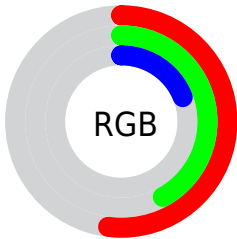
Format	Color
R_{YB}	83, 132, 49
Decimal	8678449
CIE _{Lab}	46.78, 2.17, 35.90
CIE _{LCh}	47, 35.968, 86.541
Yxy	15.8524, 0.4235, 0.4351
Android (android.graphics.Color)	4286868529 (0xFF846C31)
YUV	108.4500, -29.3088, 20.6534
Hunter-Lab	39.8151, -0.4883, 20.1983

Details

The Hex color **846C31** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **314984**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BB9F61**, and **503D00** is the 20% darker color. If you saturate the color by 10%, you get **846824**, and if you desaturate by 10%, it is **84703E**.

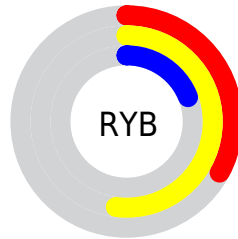
Distribution



Red (52%)

Green (42%)

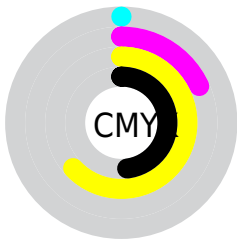
Blue (19%)



Red (33%)

Yellow (52%)

Blue (19%)

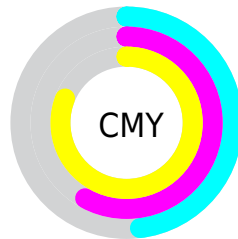


Cyan (0%)

Magenta (18%)

Yellow (63%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846C31 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 846C31 by changing the saturation by 10% instead.



846C31



846C31

FFFFFF



695419



BB9F61



503D00



D8BA7B



372700



F5D695



1E1300



FFF2B0



000000



FFF9CC



FFF9E8



846C31



846C31



846824



84703E

■ 846417

■ 84744B

■ 846109

■ 847759

■ 845E00

■ 847B66

■ 847F73

■ 848380

■ 84878D

■ 848B9B

■ 848EA8

Harmonies

Analogous

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



9B613D



846C31



667537

Triad

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



846C31



007E89



915D91

Complementary

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



846C31



314984

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.



6C68A5



846C31



007AA1

Square

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



846C31



007E6A



3073AB



A55674

Rectangle

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



846C31



4E7A44



3073AB



876099

Sweetspot

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



846C31



ABA18A



84314A



575143



D6D6D6



575757

Same Dimension

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



846C31



AB862B



738431



42403C



825C00



030200

Inverse Universe

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



314984



2B50AB



423184



3C3E42



002682



000103

Previews

White Background



This preview shows how the Hex color 846C31 looks on a white background.

Color Contrast Check

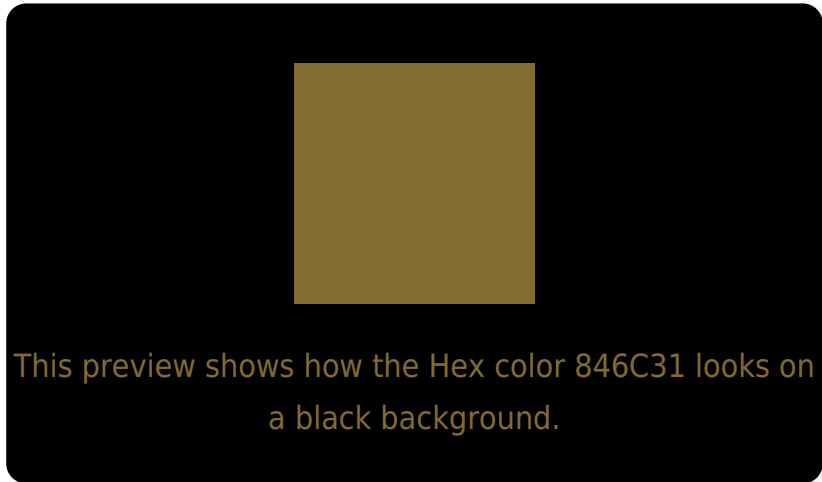
Large Text (above 18pt) WCAG AA ✓ Pass

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

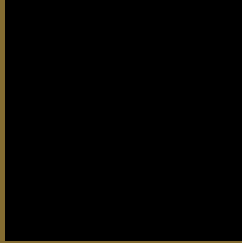
Any Text WCAG AA × Fail

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 846C31 Background



This preview shows how black text looks on a background with the Hex color 846C31.



This preview shows how white text looks on a background with the Hex color 846C31.

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
846C31

Protanopia
7B6F32

Deuteranopia
8A6A32



Tritanopia
89666D

Trichromacy



Original Color
846C31

Protanomaly
7E6E32

Deuteranomaly
886B32

Tritanomaly
876857

Monochromacy



Original Color
846C31

Achromatopsia
6C6C6C

Achromatomaly
756C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 846C31 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 #846C31 looks like.

```
.text, #text, p{  
    color:#846C31  
}
```

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 #846C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846C31
}
```

Border

The CSS property to change the border of an element to Hex 846C31 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
#846C31 }
```

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

```
.border{ border-color:#846C31 }
```

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

Here you see how a box with a 4 pixel #846C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846C31; -webkit-box-shadow:4px 4px  
4px 4px #846C31; box-shadow:4px 4px 4px  
4px #846C31 }
```

Background

The CSS property to change the background color of an element to Hex 846C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846C31 }
```

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

```
.background{ background-color:#846C31 }
```

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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