

Converting Colors

Hex(846D30)

Have a look what the booklet for
Hex(846D30) contains.

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Color

Hex(846D30)

Conversions

Conversions Part 1

Format	Color
Hex	846D30
RGB	132, 109, 48
RGB Percent	52%, 43%, 19%
CMY	0.4824, 0.5725, 0.8118
CMYK	0.00, 0.17, 0.64, 0.48
HSL	44°, 47%, 35%
HSV	44°, 64%, 52%
XYZ	15.5179, 16.0562, 5.0776
YIQ	108.9230, 33.2890, -14.0950

Conversions

Conversions Part 2

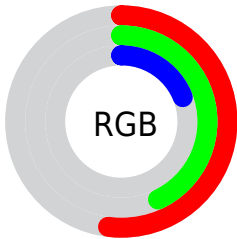
Format	Color
RYB	80, 132, 48
Decimal	8678704
CIELab	47.05, 1.52, 36.72
CIElCh	47, 36.747, 87.635
Yxy	16.0562, 0.4234, 0.4381
Android (android.graphics.Color)	4286868784 (0xFF846D30)
YUV	108.9230, -30.0350, 20.2385
Hunter-Lab	40.0702, -0.9957, 20.5361

Details

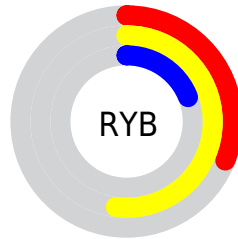
The Hex color **846D30** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **304784**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BBA061**, and **503E00** is the 20% darker color. If you saturate the color by 10%, you get **846923**, and if you desaturate by 10%, it is **84713D**.

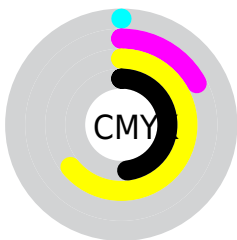
Distribution



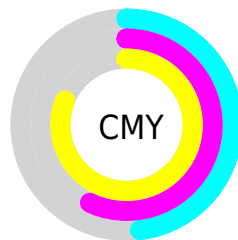
- Red (52%)
- Green (43%)
- Blue (19%)



- Red (31%)
- Yellow (52%)
- Blue (19%)



- Cyan (0%)
- Magenta (17%)
- Yellow (64%)
- Black (48%)



- Cyan (48%)
- Magenta (57%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846D30 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 846D30 by changing the saturation by 10% instead.

 846D30

 846D30

FFFFFF

 695518

 BBA061

 503E00

 D8BB7A

 372800

 F5D794

 1E1400

 FFF3AF

 000000

 FFFF3B

 FFFF3B

 846D30

 846D30

 846923

 84713D

■ 846616

■ 84744A

■ 846208

■ 847858

■ 846000

■ 847B65

■ 847F72

■ 84837F

■ 84868C

■ 848A9A

■ 848EA7

Harmonies

Analogous

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



9C623C



846D30



657637

Triad

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



846D30



007F8B



935D91

Complementary

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



846D30



304784

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.



6E68A6



846D30



007BA3

Square

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



846D30



007F6C



3174AD



A75673

Rectangle

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



846D30



4D7B44



3174AD



896099

Sweetspot

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



846D30



ABA28A



843048



575143



D6D6D6



575757

Same Dimension

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



846D30



AB8729



728430



42403C



825E00



030200

Inverse Universe

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



304784



294DAB



423084



3C3D42



002482



000103

Previews

White Background



This preview shows how the Hex color 846D30 looks on a white background.

Color Contrast Check

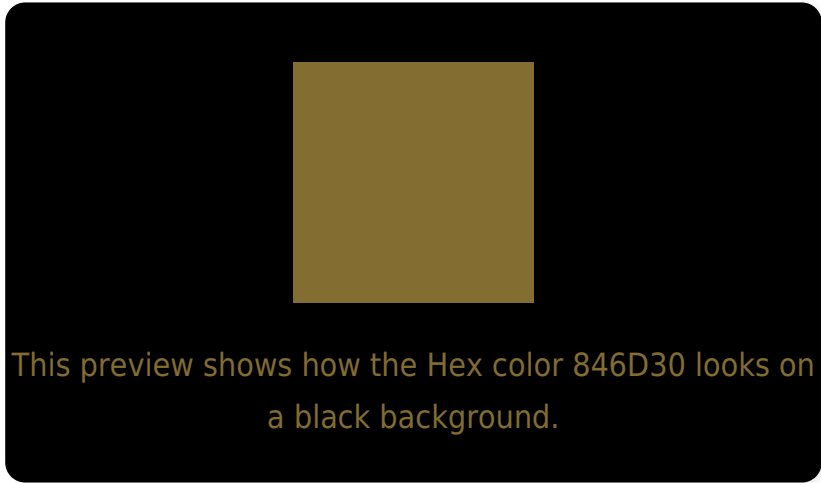
Large Text (above 18pt) WCAG AA ✓ Pass

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

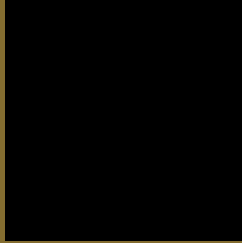
Any Text WCAG AA × Fail

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 846D30 Background



This preview shows how black text looks on a background with the Hex color 846D30.



This preview shows how white text looks on a background with the Hex color 846D30.

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
846D30

Protanopia
7C7031

Deuteranopia
8A6A31



Tritanopia
89666E

Trichromacy



Original Color
846D30

Protanomaly
7F6F31

Deuteranomaly
886B31

Tritanomaly
876957

Monochromacy



Original Color
846D30

Achromatopsia
6D6D6D

Achromatomaly
756D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 846D30 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 #846D30 looks like.

```
.text, #text, p{  
    color:#846D30  
}
```

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 #846D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846D30
}
```

Border

The CSS property to change the border of an element to Hex 846D30 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
#846D30 }
```

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

```
.border{ border-color:#846D30 }
```

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

Here you see how a box with a 4 pixel #846D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846D30; -webkit-box-shadow:4px 4px  
4px 4px #846D30; box-shadow:4px 4px 4px  
4px #846D30 }
```

Background

The CSS property to change the background color of an element to Hex 846D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846D30 }
```

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

```
.background{ background-color:#846D30 }
```

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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