

Converting Colors

Hex(836B4A)

Have a look what the booklet for
Hex(836B4A) contains.

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Color

Hex(836B4A)

Conversions

Conversions Part 1

Format	Color
Hex	836B4A
RGB	131, 107, 74
RGB Percent	51%, 42%, 29%
CMY	0.4863, 0.5804, 0.7098
CMYK	0.00, 0.18, 0.44, 0.49
HSL	35°, 28%, 40%
HSV	35°, 44%, 51%
XYZ	15.8538, 15.8351, 8.6995
YIQ	110.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

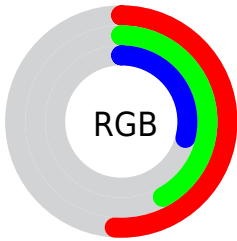
Format	Color
RYB	115, 131, 74
Decimal	8612682
CIELab	46.76, 4.73, 22.06
CIElCh	47, 22.563, 77.905
Yxy	15.8351, 0.3925, 0.3921
Android (android.graphics.Color)	4286802762 (0xFF836B4A)
YUV	110.4140, -17.9521, 18.0539
Hunter-Lab	39.7933, 1.4767, 14.8936

Details

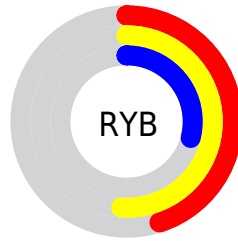
The Hex color **836B4A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A6283**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B99E7B**, and **503C1D** is the 20% darker color. If you saturate the color by 10%, you get **83653D**, and if you desaturate by 10%, it is **837157**.

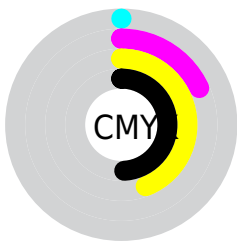
Distribution



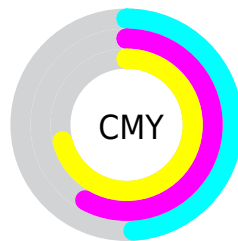
- Red (51%)
- Green (42%)
- Blue (29%)



- Red (45%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836B4A 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 836B4A by changing the saturation by 10% instead.

 836B4A

 836B4A

FFFFFF

 695333

 B99E7B

 503C1D

 D5B995

 382606

 F2D5B0

 211200

 FFF1CB

 000000

 FFFF E8

 836B4A

 836B4A

 83653D

 837157

 836030

 837664

■ 835A23

■ 837C71

■ 835516

■ 83817E

■ 834F09

■ 83878B

■ 834C00

■ 838C99

■ 8392A6

■ 8397B3

■ 839DC0

Harmonies

Analogous

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



906554



836B4A



70714A

Triad

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



836B4A



33797A



7F6688

Complementary

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



836B4A



4A6283

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.



676D93



836B4A



34778A

Square

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



836B4A



457966



4A7393



8F6177

Rectangle

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



836B4A



627550



4A7393



78688D

Sweetspot

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



836B4A



ABA195



834A63



575149



D6D6D6



575757

Same Dimension

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



836B4A



AB8552



7F834A



42403C



824B00



030100

Inverse Universe

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



4A6283



5277AB



4E4A83



3C3E42



003782



000103

Previews

White Background



This preview shows how the Hex color 836B4A 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

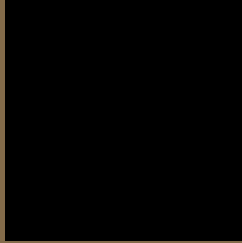
Any Text WCAG AA × Fail

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 836B4A Background



This preview shows how black text looks on a background with the Hex color 836B4A.



This preview shows how white text looks on a background with the Hex color 836B4A.

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
836B4A

Protanopia
786F4C

Deuteranopia
856A4A



Tritanopia
87666E

Trichromacy



Original Color
836B4A

Protanomaly
7C6E4B

Deuteranomaly
846A4A

Tritanomaly
866861

Monochromacy



Original Color
836B4A

Achromatopsia
6E6E6E

Achromatomaly
766D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 836B4A 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 #836B4A looks like.

```
.text, #text, p{  
    color:#836B4A  
}
```

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 #836B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836B4A
}
```

Border

The CSS property to change the border of an element to Hex 836B4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

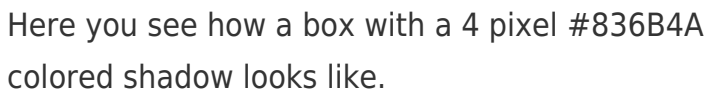
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836B4A }
```

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

```
.border{ border-color:#836B4A }
```

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



Here you see how a box with a 4 pixel #836B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836B4A; -webkit-box-shadow:4px 4px  
4px 4px #836B4A; box-shadow:4px 4px 4px  
4px #836B4A }
```

Background

The CSS property to change the background color of an element to Hex 836B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836B4A }
```

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

```
.background{ background-color:#836B4A }
```

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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