

# Converting Colors

Hex(836B69)

Have a look what the booklet for  
Hex(836B69) contains.

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**Color**

**Hex(836B69)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	836B69
RGB	131, 107, 105
RGB Percent	51%, 42%, 41%
CMY	0.4863, 0.5804, 0.5882
CMYK	0.00, 0.18, 0.20, 0.49
HSL	5°, 11%, 46%
HSV	5°, 20%, 51%
XYZ	17.1676, 16.3606, 15.6177
YIQ	113.9480, 14.9460, 4.4660

# Conversions

## Conversions Part 2

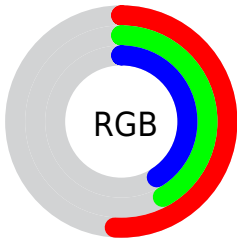
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 107, 105
Decimal	8612713
CIE Lab	47.44, 9.17, 4.69
CIE LCh	47, 10.301, 27.107
Yxy	16.3606, 0.3493, 0.3329
Android (android.graphics.Color)	4286802793 (0xFF836B69)
YUV	113.9480, -4.4114, 14.9546
Hunter-Lab	40.4482, 4.9769, 5.4210

# Details

The Hex color **836B69** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **698183**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B89E9C**, and **513C3A** is the 20% darker color. If you saturate the color by 10%, you get **835F5C**, and if you desaturate by 10%, it is **837776**.

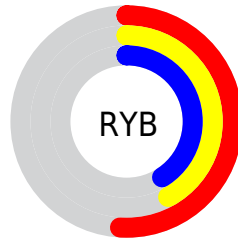
# Distribution



Red (51%)

Green (42%)

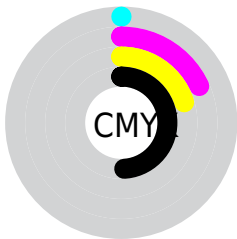
Blue (41%)



Red (51%)

Yellow (42%)

Blue (41%)

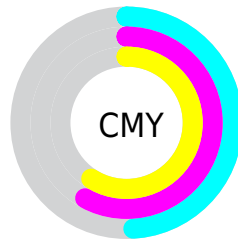


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (49%)



Cyan (49%)

Magenta (58%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 836B69 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 836B69 by changing the saturation by 10% instead.





836B69



836B69

FFFFFF



6A5351



B89E9C



513C3A



D4B9B7



3A2624



F1D5D3



24120F



FFF1EF



000000



836B69



836B69



835F5C



837776



83534F



838383



834742



838F90

833B35

839B9D

832F27

83A7AB

83221A

83B4B8

83160D

83C0C5

830A00

83CCD2

83D8DF

# Harmonies

## Analogous

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



826B72



836B69



806D62

# Triad

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



836B69



657567



667282

# Complementary

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



836B69



698183

# 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.



5D747F



836B69



5D766F

# Square

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



836B69



6F7261



5A7578



716F80

# Rectangle

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



836B69



7B6F60



5A7578



637281



# Sweetspot

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



836B69



ABA1A1



836981



575151



D6D6D6



575757



# Same Dimension

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



836B69



AB8582



837869



423C3C



820A00



030000



# Inverse Universe

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



698183



82A8AB



697483



3C4242



007882



000203



# Previews

## White Background



This preview shows how the Hex color 836B69 looks on a white background.

## Color Contrast Check

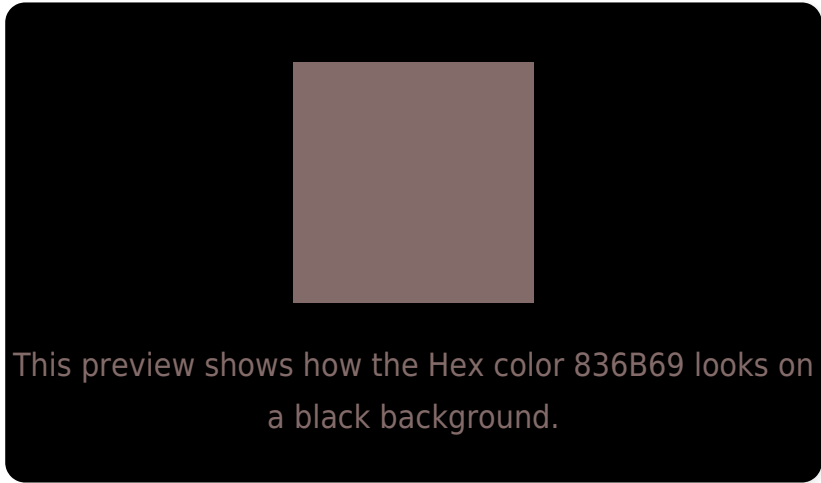
Large Text (above 18pt) WCAG AA ✓ Pass

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 836B69 Background



This preview shows how black text looks on a background with the Hex color 836B69.



This preview shows how white text looks on a background with the Hex color 836B69.

# 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**  
836B69

**Protanopia**  
74706C

**Deuteranopia**  
7F6D69



**Tritanopia**  
846A72

# Trichromacy



**Original Color**  
836B69

**Protanomaly**  
796E6B

**Deuteranomaly**  
806C69

**Tritanomaly**  
846A6F

# Monochromacy



**Original Color**  
836B69

**Achromatopsia**  
727272

**Achromatomaly**  
786F6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 836B69 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 #836B69 looks like.

```
.text, #text, p{  
    color:#836B69  
}
```

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 #836B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836B69
}
```

## Border

The CSS property to change the border of an element to Hex 836B69 is called "border". The border property can be set on classes, ids or directly on the HTML element.

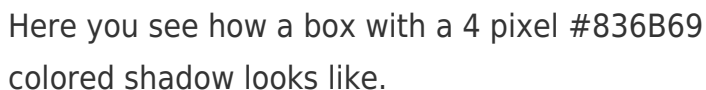
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836B69 }
```

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

```
.border{ border-color:#836B69 }
```

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



Here you see how a box with a 4 pixel #836B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836B69; -webkit-box-shadow:4px 4px  
4px 4px #836B69; box-shadow:4px 4px 4px  
4px #836B69 }
```

# Background

The CSS property to change the background color of an element to Hex 836B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836B69 }
```

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

```
.background{ background-color:#836B69 }
```

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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