

# Converting Colors

Hex(836C65)

Have a look what the booklet for  
Hex(836C65) contains.

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# Color

Hex(836C65)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	836C65
RGB	131, 108, 101
RGB Percent	51%, 42%, 40%
CMY	0.4863, 0.5765, 0.6039
CMYK	0.00, 0.18, 0.23, 0.49
HSL	14°, 13%, 45%
HSV	14°, 23%, 51%
XYZ	17.0716, 16.4900, 14.5950
YIQ	114.0790, 15.9550, 2.6990

# Conversions

## Conversions Part 2

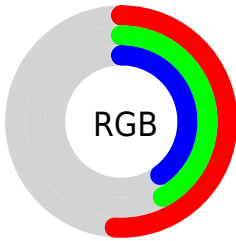
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 110, 101
Decimal	8612965
CIELab	47.61, 7.92, 7.32
CIELCh	48, 10.786, 42.728
Yxy	16.4900, 0.3545, 0.3424
Android (android.graphics.Color)	4286803045 (0xFF836C65)
YUV	114.0790, -6.4479, 14.8397
Hunter-Lab	40.6079, 3.9778, 7.1159

# Details

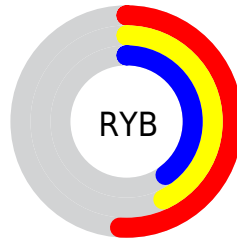
The Hex color **836C65** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **657C83**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B89F98**, and **513D36** is the 20% darker color. If you saturate the color by 10%, you get **836258**, and if you desaturate by 10%, it is **837672**.

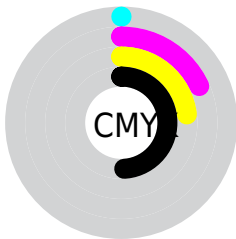
# Distribution



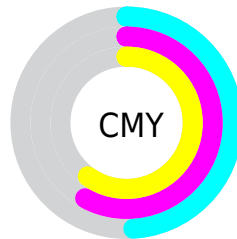
- Red (51%)
- Green (42%)
- Blue (40%)



- Red (51%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 836C65 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 836C65 by changing the saturation by 10% instead.





836C65



836C65

FFFFFF



6A544D



B89F98



513D36



D4BAB3



3A2721



F1D6CE



24120A



FFF3EA



000000



836C65



836C65



836258



837672



83584B



83807F



834E3E



838A8C

■ 834431

■ 839499

■ 833A24

■ 839EA7

■ 833016

■ 83A8B4

■ 832609

■ 83B2C1

■ 831F00

■ 83BCCE

■ 83C6DB

# Harmonies

## Analogous

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



846B6D



836C65



7D6F60

# Triad

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



836C65



60766B



6C7083

# Complementary

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



836C65



657C83

# 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.



617382



836C65



5A7675

# Square

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



836C65



6A7463



5A757D



776D7E

# Rectangle

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



836C65



77715F



5A757D



687183



# Sweetspot

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



836C65



ABA29F



83657C



575150



D6D6D6



575757



# Same Dimension

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



836C65



AB877D



837B65



423D3C



821E00



030100



# Inverse Universe

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



657C83



7DA0AB



656D83



3C4142



006482



000203



# Previews

## White Background



This preview shows how the Hex color 836C65 looks on a white background.

## Color Contrast Check

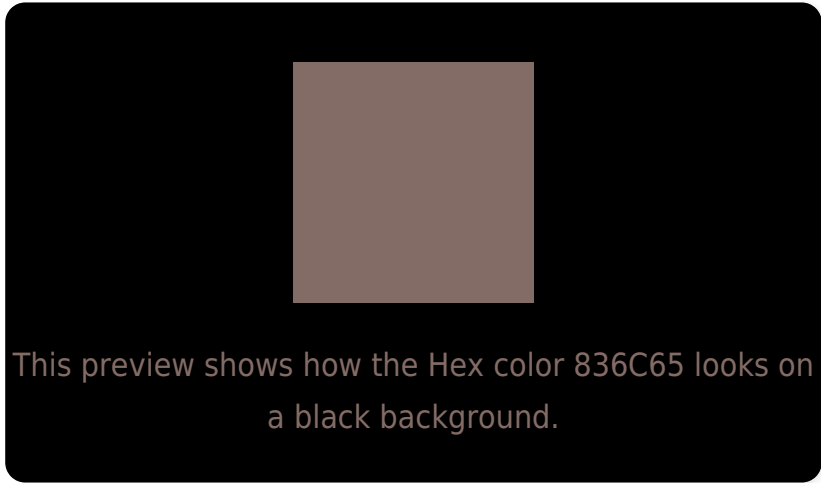
Large Text (above 18pt) WCAG AA ✓ Pass

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 836C65 Background



This preview shows how black text looks on a background with the Hex color 836C65.

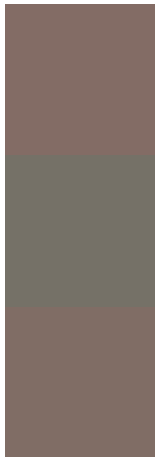


This preview shows how white text looks on a background with the Hex color 836C65.

# 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**  
836C65

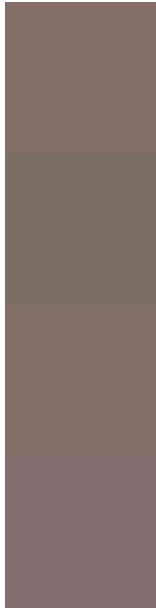
**Protanopia**  
757167

**Deuteranopia**  
806D65



**Tritanopia**  
856A72

# Trichromacy



**Original Color**  
836C65

**Protanomaly**  
7A6F66

**Deuteranomaly**  
816D65

**Tritanomaly**  
846B6D

# Monochromacy



**Original Color**  
836C65

**Achromatopsia**  
727272

**Achromatomaly**  
78706D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 836C65 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 #836C65 looks like.

```
.text, #text, p{  
    color:#836C65  
}
```

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 #836C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836C65
}
```

## Border

The CSS property to change the border of an element to Hex 836C65 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
#836C65 }
```

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

```
.border{ border-color:#836C65 }
```

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

Here you see how a box with a 4 pixel #836C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836C65; -webkit-box-shadow:4px 4px  
4px 4px #836C65; box-shadow:4px 4px 4px  
4px #836C65 }
```

# Background

The CSS property to change the background color of an element to Hex 836C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836C65 }
```

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

```
.background{ background-color:#836C65 }
```

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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