

Converting Colors

Hex(836D51)

Have a look what the booklet for
Hex(836D51) contains.

Hex(836D51)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(836D51)

Conversions

Conversions Part 1

Format	Color
Hex	836D51
RGB	131, 109, 81
RGB Percent	51%, 43%, 32%
CMY	0.4863, 0.5725, 0.6824
CMYK	0.00, 0.17, 0.38, 0.49
HSL	34°, 24%, 42%
HSV	34°, 38%, 51%
XYZ	16.3139, 16.3567, 10.0819
YIQ	112.3860, 22.1000, -4.0440

Conversions

Conversions Part 2

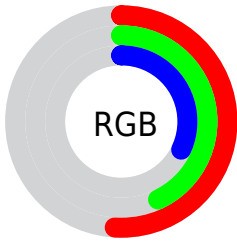
Format	Color
RYB	120, 131, 81
Decimal	8613201
CIELab	47.44, 4.43, 18.90
CIELCh	47, 19.408, 76.814
Yxy	16.3567, 0.3816, 0.3826
Android (android.graphics.Color)	4286803281 (0xFF836D51)
YUV	112.3860, -15.4733, 16.3245
Hunter-Lab	40.4434, 1.2269, 13.5303

Details

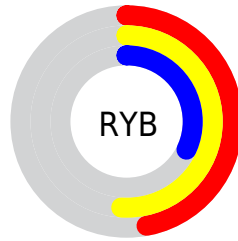
The Hex color **836D51** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **516783**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B9A083**, and **503E24** is the 20% darker color. If you saturate the color by 10%, you get **836744**, and if you desaturate by 10%, it is **83735E**.

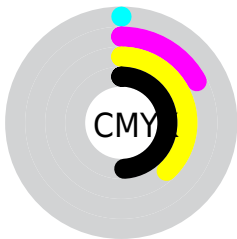
Distribution



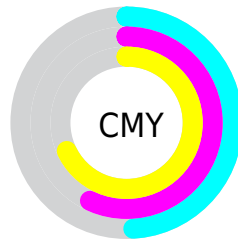
- Red (51%)
- Green (43%)
- Blue (32%)



- Red (47%)
- Yellow (51%)
- Blue (32%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836D51 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 836D51 by changing the saturation by 10% instead.

 836D51

 836D51

FFFFFF

 69553A

 B9A083

 503E24

 D5BB9D

 38280F

 F2D7B8

 221400

 FFF4D3

 000000

 FFFFF0

 836D51

 836D51

 836744

 83735E

 836137

 83796B

■ 835C2A

■ 837E78

■ 83561D

■ 838485

■ 835010

■ 838A93

■ 834A02

■ 8390A0

■ 834900

■ 8395AD

■ 839BBA

■ 83A1C7

Harmonies

Analogous

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



8E6859



836D51



737251

Triad

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



836D51



417A79



7E6987

Complementary

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



836D51



516783

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.



696F90



836D51



427888

Square

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



836D51



4E7969



527490



8C6578

Rectangle

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



836D51



677556



527490



786B8B

Sweetspot

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



836D51



ABA398



835167



57524B



D6D6D6



575757

Same Dimension

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



836D51



AB885C



818351



423F3C



824900



030100

Inverse Universe

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



516783



5C7FAB



545183



3C3F42



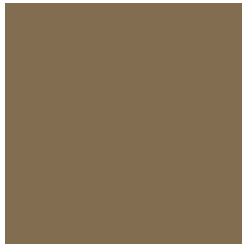
003982



000103

Previews

White Background



This preview shows how the Hex color 836D51 looks on a white background.

Color Contrast Check

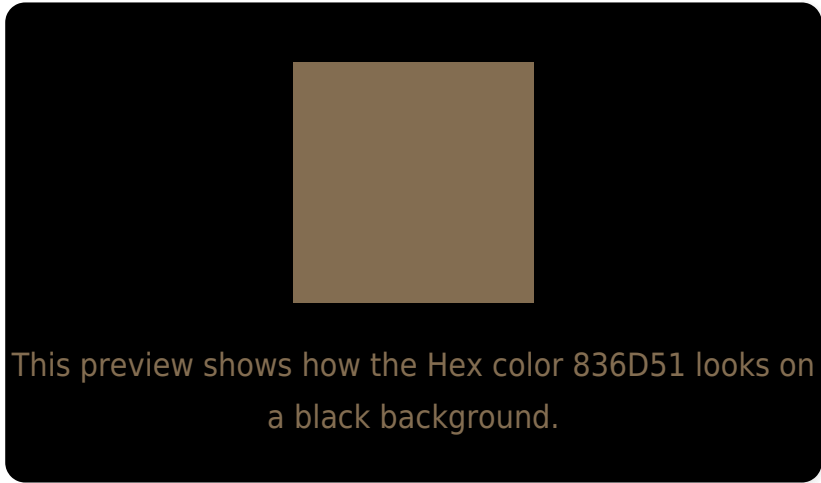
Large Text (above 18pt) WCAG AA ✓ Pass

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

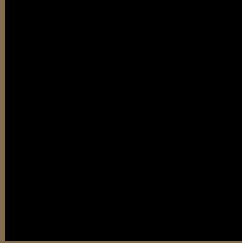
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

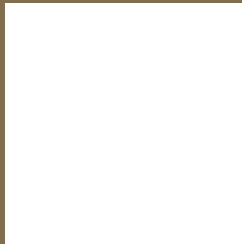
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 836D51 Background



This preview shows how black text looks on a background with the Hex color 836D51.



This preview shows how white text looks on a background with the Hex color 836D51.

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
836D51

Protanopia
797153

Deuteranopia
866C51



Tritanopia
866971

Trichromacy



Original Color
836D51

Protanomaly
7D7052

Deuteranomaly
856C51

Tritanomaly
856A65

Monochromacy



Original Color
836D51

Achromatopsia
707070

Achromatomaly
776F65

CSS Examples

Text

The CSS property to change the color of the text to Hex 836D51 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 #836D51 looks like.

```
.text, #text, p{  
    color:#836D51  
}
```

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 #836D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836D51
}
```

Border

The CSS property to change the border of an element to Hex 836D51 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
#836D51 }
```

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

```
.border{ border-color:#836D51 }
```

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

Here you see how a box with a 4 pixel #836D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836D51; -webkit-box-shadow:4px 4px  
4px 4px #836D51; box-shadow:4px 4px 4px  
4px #836D51 }
```

Background

The CSS property to change the background color of an element to Hex 836D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836D51 }
```

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

```
.background{ background-color:#836D51 }
```

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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