

Converting Colors

Hex(836840)

Have a look what the booklet for
Hex(836840) contains.

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Color

Hex(836840)

Conversions

Conversions Part 1

Format	Color
Hex	836840
RGB	131, 104, 64
RGB Percent	51%, 41%, 25%
CMY	0.4863, 0.5922, 0.7490
CMYK	0.00, 0.21, 0.51, 0.49
HSL	36°, 34%, 38%
HSV	36°, 51%, 51%
XYZ	15.2358, 15.0961, 6.9613
YIQ	107.5130, 28.9320, -6.7160

Conversions

Conversions Part 2

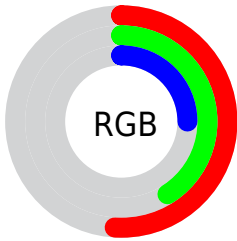
Format	Color
RYB	109, 131, 64
Decimal	8611904
CIELab	45.77, 5.38, 26.52
CIELCh	46, 27.060, 78.534
Yxy	15.0961, 0.4085, 0.4048
Android (android.graphics.Color)	4286801984 (0xFF836840)
YUV	107.5130, -21.4519, 20.5981
Hunter-Lab	38.8537, 2.0017, 16.5747

Details

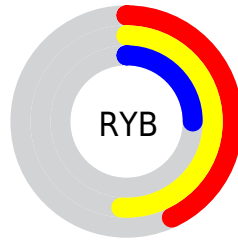
The Hex color **836840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **405B83**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BA9B71**, and **4F3913** is the 20% darker color. If you saturate the color by 10%, you get **836333**, and if you desaturate by 10%, it is **836D4D**.

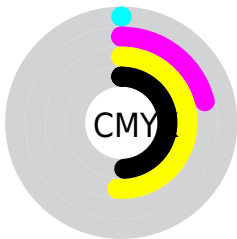
Distribution



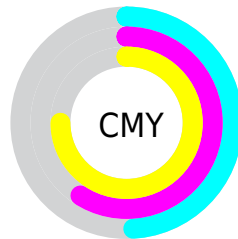
- Red (51%)
- Green (41%)
- Blue (25%)



- Red (43%)
- Yellow (51%)
- Blue (25%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836840 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 836840 by changing the saturation by 10% instead.

 836840

 836840

FFFFFF

 695029

 BA9B71

 4F3913

 D6B68A

 382400

 F3D1A5

 200F00

 FFEEC0

 000000

 FFFFDC

 FFFFF9

 836840

 836840

 836333

 836D4D

■ 835D26

■ 83735A

■ 835819

■ 837867

■ 83530C

■ 837D74

■ 834E00

■ 838282

■ 83888F

■ 838D9C

■ 8392A9

■ 8398B6

Harmonies

Analogous

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



93604B



836840



6D6F41

Triad

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



836840



15787A



80618B

Complementary

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



836840



405B83

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.



626A97



836840



14768E

Square

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



836840



367863



3C7198



935C76

Rectangle

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



836840



5C7348



3C7198



776490

Sweetspot

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



836840



ABA191



83405C



575047



D6D6D6



575757

Same Dimension

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



836840



AB8143



7D8340



42403C



824E00



030200

Inverse Universe

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



405B83



436DAB



464083



3C3E42



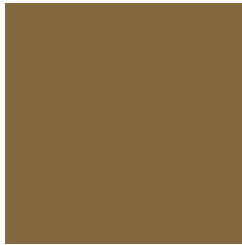
003482



000103

Previews

White Background



This preview shows how the Hex color 836840 looks on a white background.

Color Contrast Check

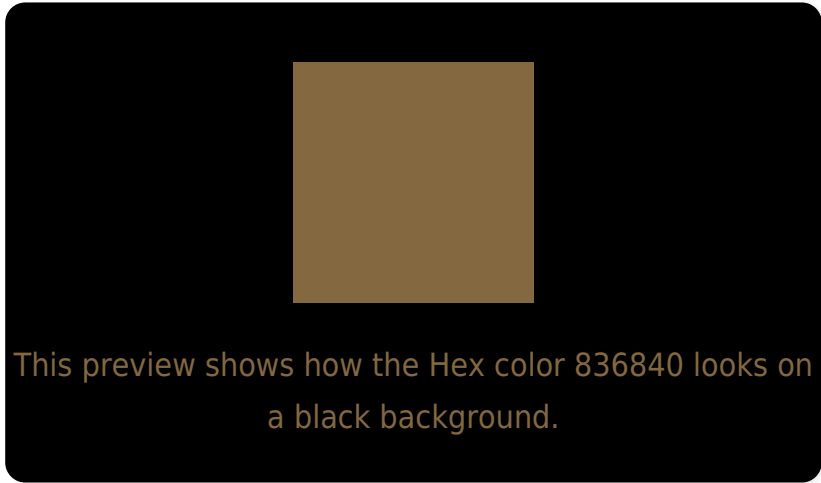
Large Text (above 18pt) WCAG AA ✓ Pass

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 836840 Background



This preview shows how black text looks on a background with the Hex color 836840.



This preview shows how white text looks on a background with the Hex color 836840.

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


836840

Protanopia

776D42

Deuteranopia

846840



Tritanopia
87636A

Trichromacy



Original Color
836840

Protanomaly
7B6B41

Deuteranomaly
846840

Tritanomaly
86655B

Monochromacy



Original Color
836840

Achromatopsia
6C6C6C

Achromatomaly
746B5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 836840 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 #836840 looks like.

```
.text, #text, p{  
    color:#836840  
}
```

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 #836840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836840
}
```

Border

The CSS property to change the border of an element to Hex 836840 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
#836840 }
```

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

```
.border{ border-color:#836840 }
```

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

Here you see how a box with a 4 pixel #836840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836840; -webkit-box-shadow:4px 4px  
4px 4px #836840; box-shadow:4px 4px 4px  
4px #836840 }
```

Background

The CSS property to change the background color of an element to Hex 836840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836840 }
```

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

```
.background{ background-color:#836840 }
```

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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