

# Converting Colors

Hex(837160)

Have a look what the booklet for  
Hex(837160) contains.

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**Color**

**Hex(837160)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	837160
RGB	131, 113, 96
RGB Percent	51%, 44%, 38%
CMY	0.4863, 0.5569, 0.6235
CMYK	0.00, 0.14, 0.27, 0.49
HSL	29°, 15%, 45%
HSV	29°, 27%, 51%
XYZ	17.3765, 17.4801, 13.5245
YIQ	116.4440, 16.1850, -1.4710

# Conversions

## Conversions Part 2

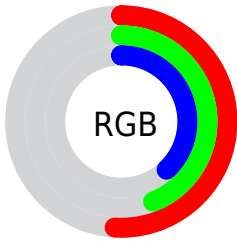
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 129, 96
Decimal	8614240
CIELab	48.86, 4.21, 12.04
CIElCh	49, 12.753, 70.716
Yxy	17.4801, 0.3592, 0.3613
Android (android.graphics.Color)	4286804320 (0xFF837160)
YUV	116.4440, -10.0789, 12.7656
Hunter-Lab	41.8092, 1.0212, 10.0872

# Details

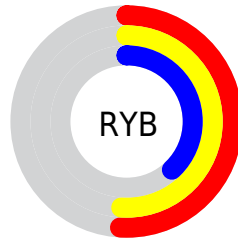
The Hex color **837160** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **607283**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B8A593**, and **514132** is the 20% darker color. If you saturate the color by 10%, you get **836A53**, and if you desaturate by 10%, it is **83786D**.

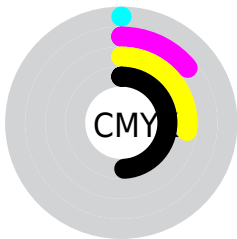
# Distribution



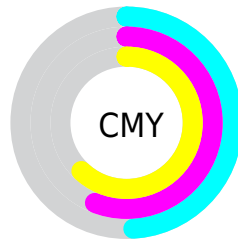
- Red (51%)
- Green (44%)
- Blue (38%)



- Red (51%)
- Yellow (51%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 837160 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 837160 by changing the saturation by 10% instead.



 837160

 837160

FFFFFF

 6A5948

 B8A593

 514132

 D4C0AD

 392B1D

 F1DCC9

 241703

 FFF8E5

 000000

 837160

 837160

 836A53

 83786D

 836446

 837E7A

 835D39

 838587

83562C

838C94

834F1F

8393A2

834911

8399AF

834204

83A0BC

834000

83A7C9

83AED6

# Harmonies

## Analogous

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



8A6E66



837160



79755F

# Triad

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



837160



597A78



7B7084

# Complementary

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



837160



607283

# 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.



6D7489



837160



587982

# Square

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



837160



617A6D



607788



856D7B

# Rectangle

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



837160



707761



607788



767187



# Sweetspot

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



837160



ABA49D



836072



57524E



D6D6D6



575757



# Same Dimension

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



837160



AB8F74



838260



423F3C



823F00



030100



# Inverse Universe

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



607283



7490AB



606183



3C3F42



004382



000103



# Previews

## White Background



This preview shows how the Hex color 837160 looks on a white background.

## Color Contrast Check

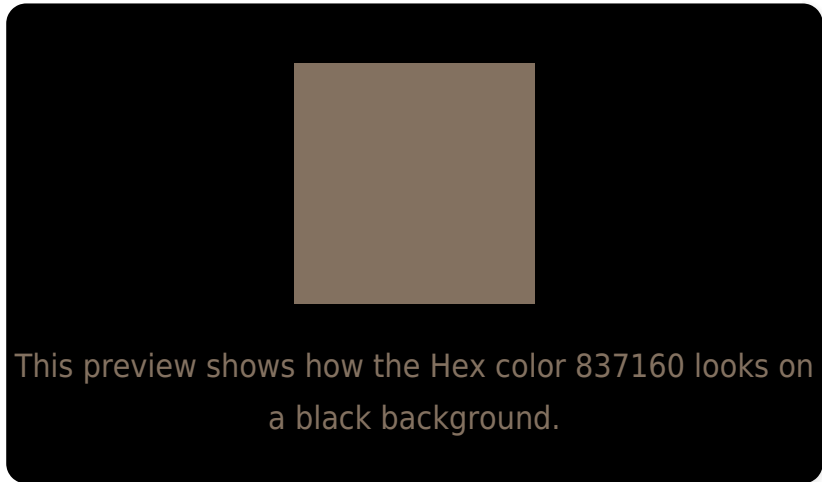
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

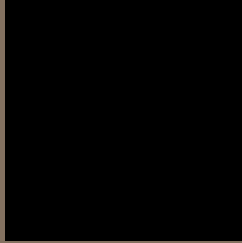
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 837160 Background



This preview shows how black text looks on a background with the Hex color 837160.



This preview shows how white text looks on a background with the Hex color 837160.

# 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**  
837160

**Protanopia**  
7A7461

**Deuteranopia**  
867060



**Tritanopia**  
866E76

# Trichromacy



**Original Color**  
837160

**Protanomaly**  
7D7361

**Deuteranomaly**  
857060

**Tritanomaly**  
856F6E

# Monochromacy



**Original Color**  
837160

**Achromatopsia**  
747474

**Achromatomaly**  
79736D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 837160 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 #837160 looks like.

```
.text, #text, p{  
    color:#837160  
}
```

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 #837160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837160
}
```

## Border

The CSS property to change the border of an element to Hex 837160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

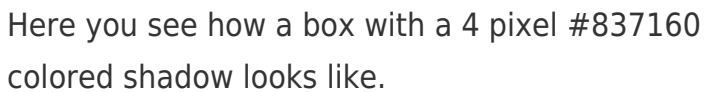
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837160 }
```

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

```
.border{ border-color:#837160 }
```

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



Here you see how a box with a 4 pixel #837160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837160; -webkit-box-shadow:4px 4px  
4px 4px #837160; box-shadow:4px 4px 4px  
4px #837160 }
```

# Background

The CSS property to change the background color of an element to Hex 837160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837160 }
```

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

```
.background{ background-color:#837160 }
```

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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