

# Converting Colors

Hex(837566)

Have a look what the booklet for  
Hex(837566) contains.

<b>Hex(837566)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(837566)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	837566
RGB	131, 117, 102
RGB Percent	51%, 46%, 40%
CMY	0.4863, 0.5412, 0.6000
CMYK	0.00, 0.11, 0.22, 0.49
HSL	31°, 12%, 46%
HSV	31°, 22%, 51%
XYZ	18.1196, 18.5072, 15.1876
YIQ	119.4760, 13.1590, -1.6970

# Conversions

## Conversions Part 2

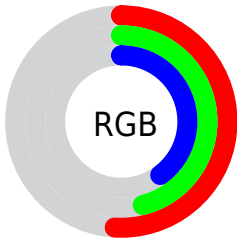
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 131, 102
Decimal	8615270
CIE <sub>Lab</sub>	50.11, 2.83, 10.25
CIE <sub>LCh</sub>	50, 10.636, 74.576
Yxy	18.5072, 0.3497, 0.3572
Android (android.graphics.Color)	4286805350 (0xFF837566)
YUV	119.4760, -8.6157, 10.1065
Hunter-Lab	43.0200, -0.1023, 9.1825

# Details

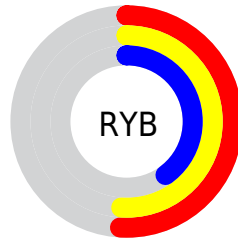
The Hex color **837566** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **667483**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B8A999**, and **514537** is the 20% darker color. If you saturate the color by 10%, you get **836F59**, and if you desaturate by 10%, it is **837B73**.

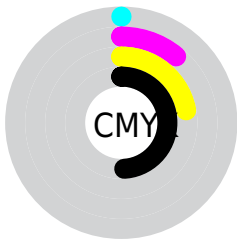
# Distribution



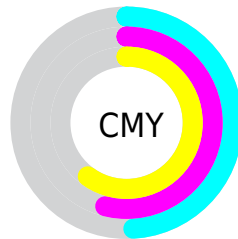
- Red (51%)
- Green (46%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 837566 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 837566 by changing the saturation by 10% instead.





837566



837566

FFFFFF



6A5C4E



B8A999



514537



D4C4B4



3A2F22



F0E0CF



241A0C



FFFDEC



080000



000000



837566



837566



836F59



837B73



83684C



838280

83623F

83888D

835C32

838E9A

835525

8395A8

834F17

839BB5

83490A

83A1C2

834400

83A8CF

83AEDC

# Harmonies

## Analogous

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



89726B



837566



7A7866

# Triad

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



837566



617D7B



7E7484

# Complementary

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



837566



667483

# 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.



737689



837566



617C84

# Square

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



837566



667C72



687988



87717C

# Rectangle

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



837566



737A68



687988



7B7486



# Sweetspot

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



837566



ABA59F



836674



575350



D6D6D6



575757



# Same Dimension

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



837566



AB957D



838366



423F3C



824300



030100



# Inverse Universe

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



667483



7D93AB



666683



3C3F42



003F82



000103



# Previews

## White Background



This preview shows how the Hex color 837566 looks on a white background.

## Color Contrast Check

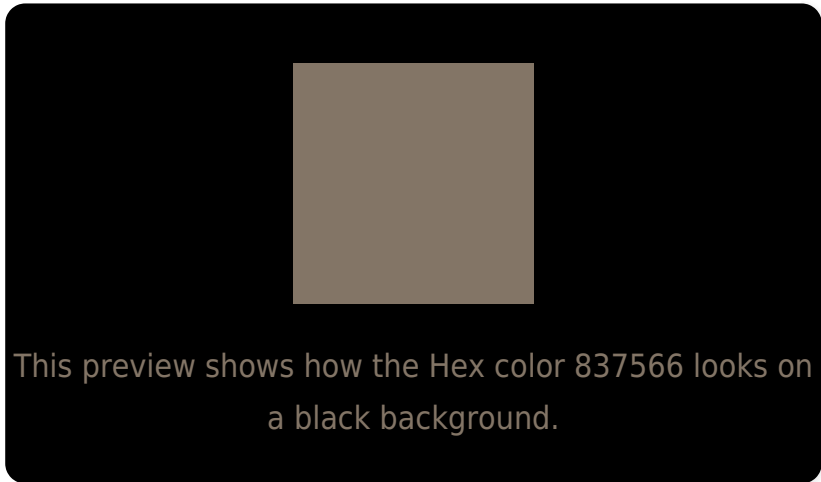
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

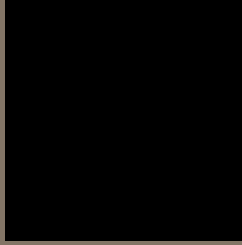
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 837566 Background



This preview shows how black text looks on a background with the Hex color 837566.



This preview shows how white text looks on a background with the Hex color 837566.

# 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**  
837566

**Protanopia**  
7D7767

**Deuteranopia**  
897366



**Tritanopia**  
86727B

# Trichromacy



**Original Color**  
837566

**Protanomaly**  
7F7667

**Deuteranomaly**  
877466

**Tritanomaly**  
857373

# Monochromacy



**Original Color**  
837566

**Achromatopsia**  
777777

**Achromatomaly**  
7B7671

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 837566 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 #837566 looks like.

```
.text, #text, p{  
    color:#837566  
}
```

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 #837566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837566  
}
```

## Border

The CSS property to change the border of an element to Hex 837566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

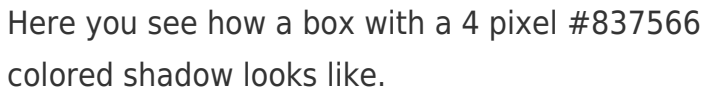
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#837566 }
```

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

```
.border{ border-color:#837566 }
```

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



Here you see how a box with a 4 pixel #837566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837566; -webkit-box-shadow:4px 4px  
4px 4px #837566; box-shadow:4px 4px 4px  
4px #837566 }
```

# Background

The CSS property to change the background color of an element to Hex 837566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837566 }
```

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

```
.background{ background-color:#837566 }
```

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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