

# Converting Colors

Hex(835E66)

Have a look what the booklet for  
Hex(835E66) contains.

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**Color**

**Hex(835E66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	835E66
RGB	131, 94, 102
RGB Percent	51%, 37%, 40%
CMY	0.4863, 0.6314, 0.6000
CMYK	0.00, 0.28, 0.22, 0.49
HSL	347°, 16%, 44%
HSV	347°, 28%, 51%
XYZ	15.7610, 13.7900, 14.4014
YIQ	105.9750, 19.4840, 10.3320

# Conversions

## Conversions Part 2

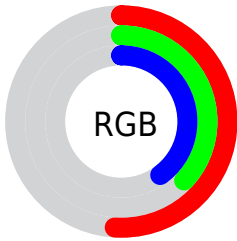
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 94, 102
Decimal	8609382
CIE <sub>Lab</sub>	43.93, 16.38, 1.43
CIE <sub>LCh</sub>	44, 16.438, 4.980
Yxy	13.7900, 0.3586, 0.3137
Android (android.graphics.Color)	4286799462 (0xFF835E66)
YUV	105.9750, -1.9597, 21.9469
Hunter-Lab	37.1349, 10.7741, 3.0010

# Details

The Hex color **835E66** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5E837B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B99199**, and **512F37** is the 20% darker color. If you saturate the color by 10%, you get **83515C**, and if you desaturate by 10%, it is **836B70**.

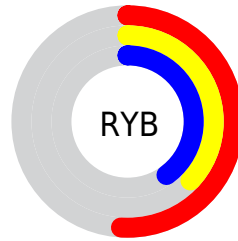
# Distribution



Red (51%)

Green (37%)

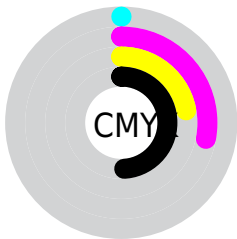
Blue (40%)



Red (51%)

Yellow (37%)

Blue (40%)

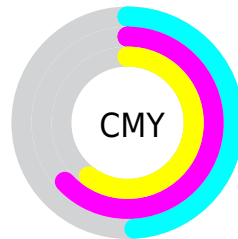


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (49%)



Cyan (49%)

Magenta (63%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 835E66 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 835E66 by changing the saturation by 10% instead.



 835E66

 835E66

FFFFFF

 69464E

 B99199

 512F37

 D5ABB4

 391A22

 F1C7CF

 24010C

 FFE3EB

 000000

 835E66

 835E66

 83515C

 836B70

 834451

 83787B

 833747

 838585

 832A3D

 83928F

 831D33

 83A099

 830F28

 83ADA4

 83021E

 83BAAE

 83001C

 83C7B8

 83D4C2

# Harmonies

## Analogous

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



7B6074



835E66



835F59

# Triad

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



835E66



616C51



496C80

# Complementary

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



835E66



5E837B

# 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.



416F77



835E66



516F5C

# Square

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



835E66



70684D



45706A



5B6883

# Rectangle

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



835E66



7F6252



45706A



456D7E



# Sweetspot

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



835E66



AB9DA0



7B5E83



574E50



D6D6D6



575757



# Same Dimension

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



835E66



AB717D



83685E



423C3D



82001C



030001



# Inverse Universe

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



835E66



AB717D



5E7983



423C3D



82001C

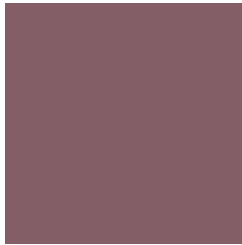


030001



# Previews

## White Background



This preview shows how the Hex color 835E66 looks on a white background.

## Color Contrast Check

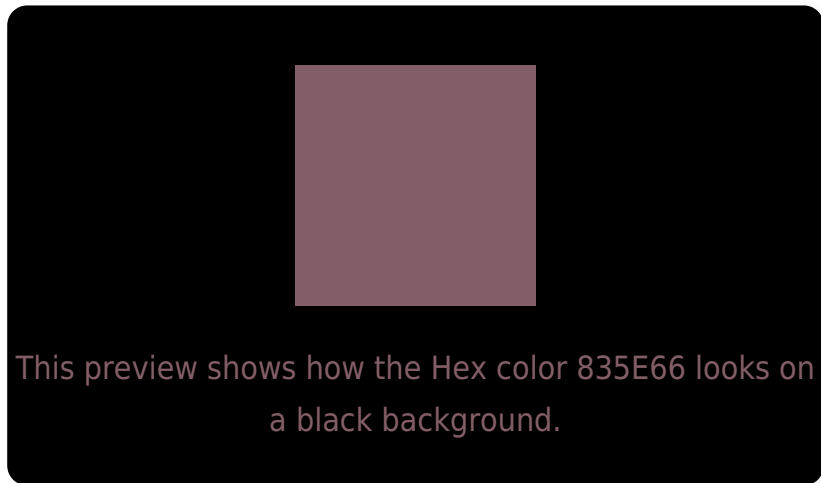
Large Text (above 18pt) WCAG AA ✓ Pass

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

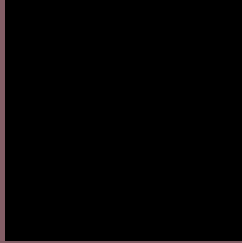
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 835E66 Background



This preview shows how black text looks on a background with the Hex color 835E66.



This preview shows how white text looks on a background with the Hex color 835E66.

# 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**  
835E66

**Protanopia**  
69686B

**Deuteranopia**  
736565



**Tritanopia**  
835E65

# Trichromacy



**Original Color**  
835E66

**Protanomaly**  
726469

**Deuteranomaly**  
796265

**Tritanomaly**  
835E65

# Monochromacy



**Original Color**  
835E66

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
736669

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 835E66 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 #835E66 looks like.

```
.text, #text, p{  
    color:#835E66  
}
```

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 #835E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835E66
}
```

## Border

The CSS property to change the border of an element to Hex 835E66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

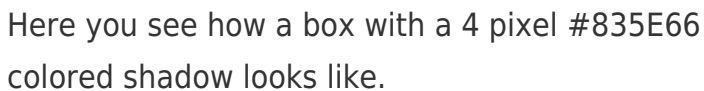
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835E66 }
```

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

```
.border{ border-color:#835E66 }
```

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



Here you see how a box with a 4 pixel #835E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835E66; -webkit-box-shadow:4px 4px  
4px 4px #835E66; box-shadow:4px 4px 4px  
4px #835E66 }
```

# Background

The CSS property to change the background color of an element to Hex 835E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835E66 }
```

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

```
.background{ background-color:#835E66 }
```

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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