

# Converting Colors

Hex(835763)

Have a look what the booklet for  
Hex(835763) contains.

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# Color

**Hex(835763)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	835763
RGB	131, 87, 99
RGB Percent	51%, 34%, 39%
CMY	0.4863, 0.6588, 0.6118
CMYK	0.00, 0.34, 0.24, 0.49
HSL	344°, 20%, 43%
HSV	344°, 34%, 51%
XYZ	15.0204, 12.5425, 13.4337
YIQ	101.5240, 22.3720, 13.0600

# Conversions

## Conversions Part 2

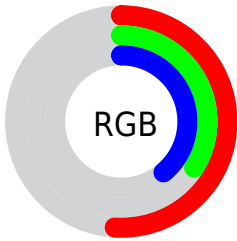
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 87, 99
Decimal	8607587
CIE <sub>Lab</sub>	42.07, 20.04, 0.55
CIE <sub>LCh</sub>	42, 20.048, 1.566
Yxy	12.5425, 0.3664, 0.3059
Android (android.graphics.Color)	4286797667 (0xFF835763)
YUV	101.5240, -1.2443, 25.8505
Hunter-Lab	35.4154, 13.7284, 2.3011

# Details

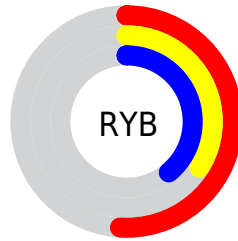
The Hex color **835763** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **578377**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B98996**, and **502935** is the 20% darker color. If you saturate the color by 10%, you get **834A59**, and if you desaturate by 10%, it is **83646D**.

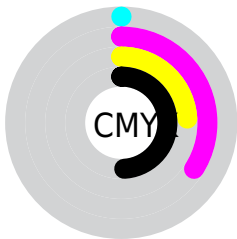
# Distribution



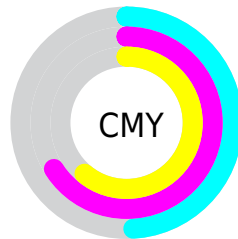
- Red (51%)
- Green (34%)
- Blue (39%)



- Red (51%)
- Yellow (34%)
- Blue (39%)



- Cyan (0%)
- Magenta (34%)
- Yellow (24%)
- Black (49%)



- Cyan (49%)
- Magenta (66%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 835763 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 835763 by changing the saturation by 10% instead.



 835763

 835763

FFFFFF

 693F4B

 B98996

 502935

 D5A4B0

 38131F

 F2BFCC

 250007

 FFDBE8

 000000

 FFF8FF

 835763

 835763

 834A59

 83646D

 833D50

 837176

 833046

 837E80

 83233D

 838B89

 831633

 839993

 83082A

 83A69C

 830024

 83B3A6

 83C0AF

 83CDB9

# Harmonies

## Analogous

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



795973



835763



845853

# Triad

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



835763



5C6747



386980

# Complementary

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



835763



578377

# 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.



2E6C74



835763



496B53

# Square

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



835763



6E6242



376C64



4F6584

# Rectangle

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



835763



7F5B4A



376C64



336A7D



# Sweetspot

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



835763



AB9A9E



775783



574C4F



D6D6D6



575757



# Same Dimension

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



835763



AB6779



836157



423C3D



820023



030001



# Inverse Universe

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



835763



AB6779



577983



423C3D



820023

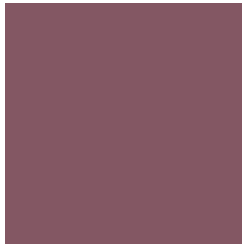


030001



# Previews

## White Background



This preview shows how the Hex color 835763 looks on a white background.

## Color Contrast Check

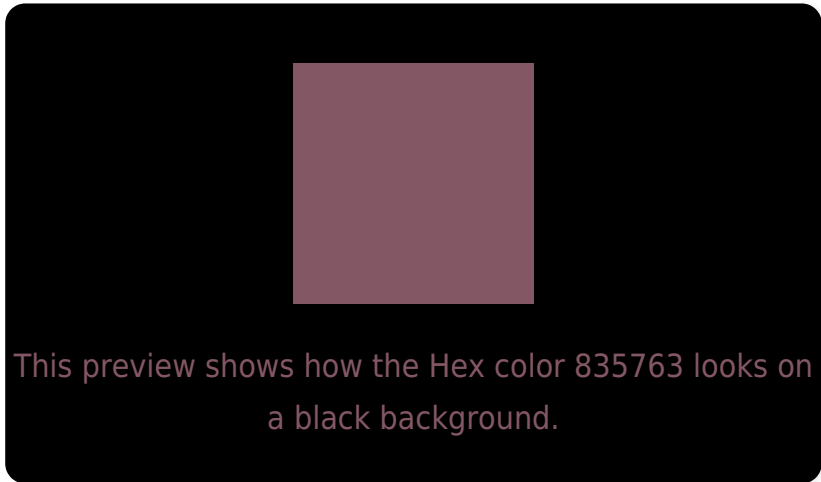
Large Text (above 18pt) WCAG AA ✓ Pass

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

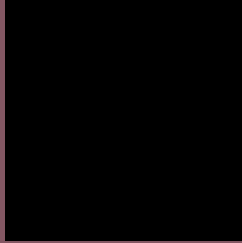
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 835763 Background



This preview shows how black text looks on a background with the Hex color 835763.



This preview shows how white text looks on a background with the Hex color 835763.

# 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**  
835763

**Protanopia**  
64636A

**Deuteranopia**  
6E6061



**Tritanopia**  
83585E

# Trichromacy



**Original Color**  
835763

**Protanomaly**  
6F5F67

**Deuteranomaly**  
765D62

**Tritanomaly**  
835860

# Monochromacy



**Original Color**  
835763

**Achromatopsia**  
666666

**Achromatomaly**  
716165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 835763 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 #835763 looks like.

```
.text, #text, p{  
    color:#835763  
}
```

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 #835763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835763
}
```

## Border

The CSS property to change the border of an element to Hex 835763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

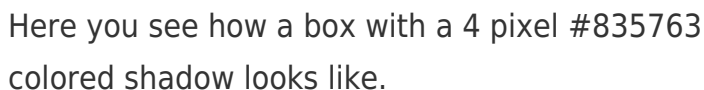
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835763 }
```

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

```
.border{ border-color:#835763 }
```

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



Here you see how a box with a 4 pixel #835763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835763; -webkit-box-shadow:4px 4px  
4px 4px #835763; box-shadow:4px 4px 4px  
4px #835763 }
```

# Background

The CSS property to change the background color of an element to Hex 835763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835763 }
```

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

```
.background{ background-color:#835763 }
```

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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