

# Converting Colors

Hex(83585C)

Have a look what the booklet for  
Hex(83585C) contains.

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**Color**

**Hex(83585C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83585C
RGB	131, 88, 92
RGB Percent	51%, 35%, 36%
CMY	0.4863, 0.6549, 0.6392
CMYK	0.00, 0.33, 0.30, 0.49
HSL	354°, 20%, 43%
HSV	354°, 33%, 51%
XYZ	14.7816, 12.5774, 11.7738
YIQ	101.3130, 24.3440, 10.3600

# Conversions

## Conversions Part 2

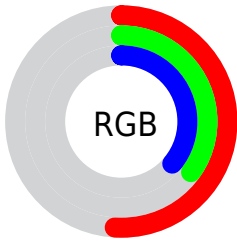
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 88, 92
Decimal	8607836
CIE Lab	42.12, 18.37, 4.92
CIE LCh	42, 19.016, 15.004
Yxy	12.5774, 0.3777, 0.3214
Android (android.graphics.Color)	4286797916 (0xFF83585C)
YUV	101.3130, -4.5913, 26.0355
Hunter-Lab	35.4647, 12.3350, 5.1418

# Details

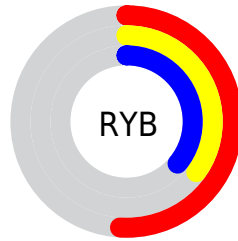
The Hex color **83585C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58837F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B98A8E**, and **502A2E** is the 20% darker color. If you saturate the color by 10%, you get **834B50**, and if you desaturate by 10%, it is **836568**.

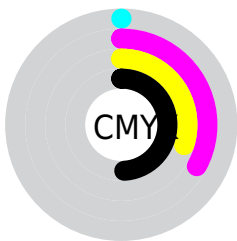
# Distribution



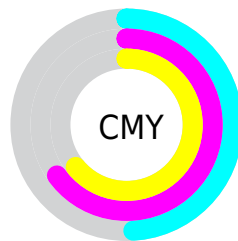
- Red (51%)
- Green (35%)
- Blue (36%)



- Red (51%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (49%)



- Cyan (49%)
- Magenta (65%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83585C 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 83585C by changing the saturation by 10% instead.



 83585C

 83585C

FFFFFF

 694045

 B98A8E

 502A2E

 D5A5A9

 38141A

 F2C0C4

 250000

 FFDCE0

 000000

 FFF9FC

 83585C

 83585C

 834B50

 836568

 833E44

 837274

 833138

 837F80

 83242C

 838C8C

 831621

 839A97

 830915

 83A7A3

 83000C

 83B4AF

 83C1BB

 83CEC7

# Harmonies

## Analogous

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



7D596C



83585C



805B4E

# Triad

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



83585C



55694D



446781

# Complementary

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



83585C



58837F

# 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.



356B79



83585C



436C5B

# Square

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



83585C



676545



356C6B



5B6281

# Rectangle

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



83585C



7A5E47



356C6B



3E697F



# Sweetspot

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



83585C



AB9A9B



7F5883



574C4D



D6D6D6



575757



# Same Dimension

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



83585C



AB686E



836958



423C3C



82000C



030000



# Inverse Universe

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



83585C



AB686E



587283



423C3C



82000C

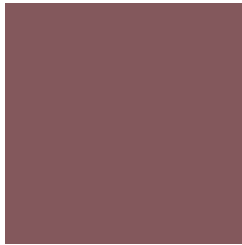


030000



# Previews

## White Background



This preview shows how the Hex color 83585C looks on a white background.

## Color Contrast Check

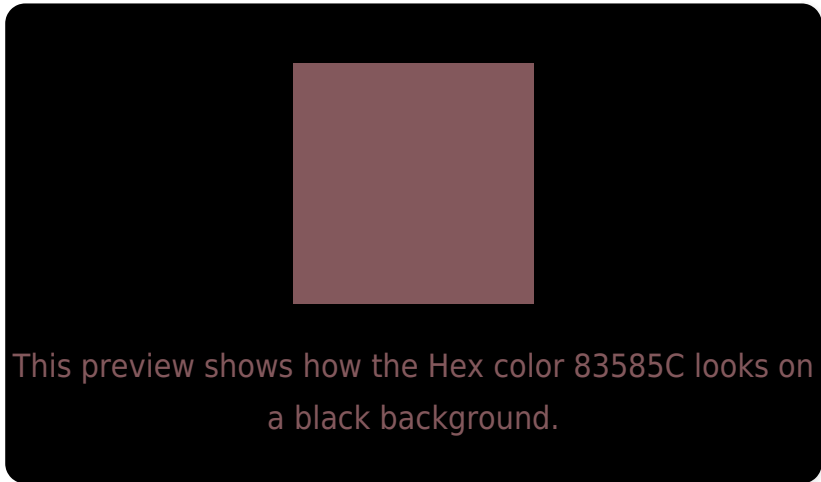
Large Text (above 18pt) WCAG AA ✓ Pass

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

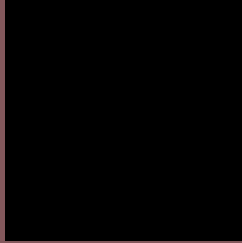
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 83585C Background



This preview shows how black text looks on a background with the Hex color 83585C.



This preview shows how white text looks on a background with the Hex color 83585C.

# 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**  
83585C

**Protanopia**  
666362

**Deuteranopia**  
71605B



**Tritanopia**  
83585E

# Trichromacy



**Original Color**  
83585C

**Protanomaly**  
715F60

**Deuteranomaly**  
785D5B

**Tritanomaly**  
83585D

# Monochromacy



**Original Color**  
83585C

**Achromatopsia**  
656565

**Achromatomaly**  
706062

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83585C 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 #83585C looks like.

```
.text, #text, p{  
    color:#83585C  
}
```

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 #83585C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83585C  
}
```

## Border

The CSS property to change the border of an element to Hex 83585C is called "border". The border property can be set on classes, ids or directly on the HTML element.

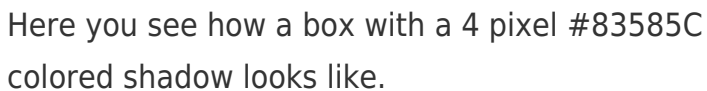
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#83585C }
```

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

```
.border{ border-color:#83585C }
```

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



Here you see how a box with a 4 pixel #83585C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83585C; -webkit-box-shadow:4px 4px  
4px 4px #83585C; box-shadow:4px 4px 4px  
4px #83585C }
```

# Background

The CSS property to change the background color of an element to Hex 83585C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83585C }
```

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

```
.background{ background-color:#83585C }
```

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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