

# Converting Colors

Hex(83445F)

Have a look what the booklet for  
Hex(83445F) contains.

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# Color

**Hex(83445F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83445F
RGB	131, 68, 95
RGB Percent	51%, 27%, 37%
CMY	0.4863, 0.7333, 0.6275
CMYK	0.00, 0.48, 0.27, 0.49
HSL	334°, 32%, 39%
HSV	334°, 48%, 51%
XYZ	13.4928, 9.7858, 12.0042
YIQ	89.9150, 28.8810, 21.7530

# Conversions

## Conversions Part 2

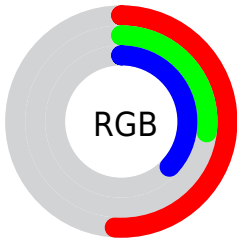
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 68, 95
Decimal	8602719
CIE <sub>Lab</sub>	37.46, 30.42, -3.74
CIE <sub>LCh</sub>	37, 30.648, 352.998
Yxy	9.7858, 0.3824, 0.2774
Android (android.graphics.Color)	4286792799 (0xFF83445F)
YUV	89.9150, 2.5069, 36.0315
Hunter-Lab	31.2822, 22.2474, -0.8543

# Details

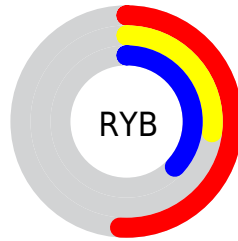
The Hex color **83445F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **448368**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **BA7691**, and **4F1431** is the 20% darker color. If you saturate the color by 10%, you get **833758**, and if you desaturate by 10%, it is **835166**.

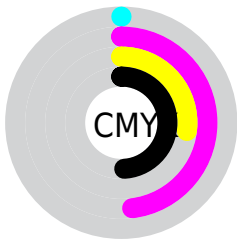
# Distribution



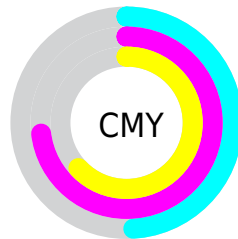
- Red (51%)
- Green (27%)
- Blue (37%)



- Red (51%)
- Yellow (27%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (27%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83445F 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 83445F by changing the saturation by 10% instead.



83445F

83445F

FFFFFF

692C47

BA7691

4F1431

D690AC

36001C

F3ABC7

210001

FFC7E3

000000

FFE3FF

83445F

83445F

833758

835166

832A50

835E6E

 831D49

 836B75

 831041

 83787D

 83033A

 838584

 830038

 83938C

 83A093

 83AD9B

 83BAA2

# Harmonies

## Analogous

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



714A76



83445F



874546

# Triad

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



83445F



545D29



00627F

# Complementary

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



83445F



448368

# 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.



00656B



83445F



376239

# Square

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



83445F



6C5526



006451



1C5C89

# Rectangle

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



83445F



824938



006451



006379



# Sweetspot

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



83445F



AB939D



684483



57484E



D6D6D6



575757



# Same Dimension

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



83445F



AB4872



834844



423C3F



820038



030001



# Inverse Universe

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



83445F



AB4872



447F83



423C3F



820038

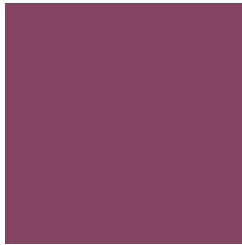


030001



# Previews

## White Background



This preview shows how the Hex color 83445F looks on a white background.

## Color Contrast Check

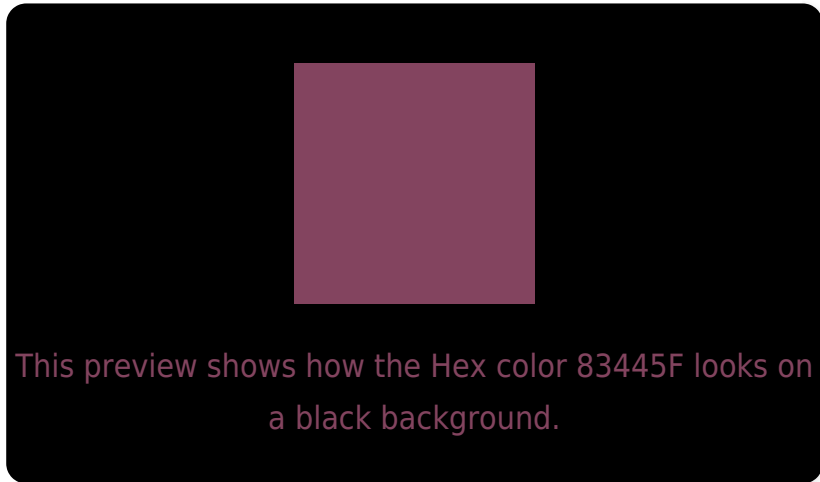
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

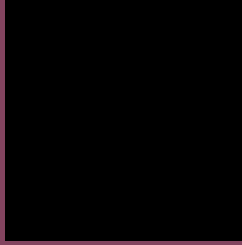
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 83445F Background



This preview shows how black text looks on a background with the Hex color 83445F.

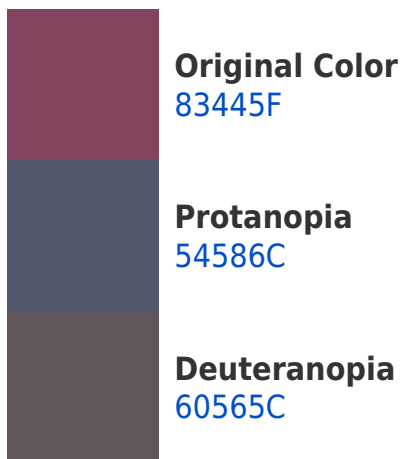



This preview shows how white text looks on a background with the Hex color 83445F.

# 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





**Tritanopia**  
81484D

# Trichromacy



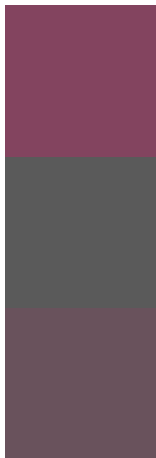
**Original Color**  
83445F

**Protanomaly**  
655167

**Deuteranomaly**  
6D4F5D

**Tritanomaly**  
824754

# Monochromacy



**Original Color**  
83445F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
69525C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83445F 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 #83445F looks like.

```
.text, #text, p{  
    color:#83445F  
}
```

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 #83445F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83445F
}
```

## Border

The CSS property to change the border of an element to Hex 83445F is called "border". The border property can be set on classes, ids or directly on the HTML element.

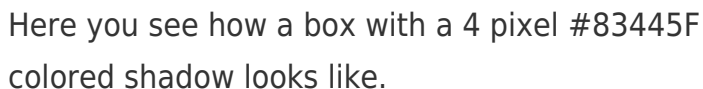
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83445F }
```

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

```
.border{ border-color:#83445F }
```

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



Here you see how a box with a 4 pixel #83445F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83445F; -webkit-box-shadow:4px 4px  
4px 4px #83445F; box-shadow:4px 4px 4px  
4px #83445F }
```

# Background

The CSS property to change the background color of an element to Hex 83445F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83445F }
```

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

```
.background{ background-color:#83445F }
```

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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