

# Converting Colors

Hex(83506F)

Have a look what the booklet for  
Hex(83506F) contains.

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# Color

**Hex(83506F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83506F
RGB	131, 80, 111
RGB Percent	51%, 31%, 44%
CMY	0.4863, 0.6863, 0.5647
CMYK	0.00, 0.39, 0.15, 0.49
HSL	324°, 24%, 41%
HSV	324°, 39%, 51%
XYZ	15.0980, 11.7103, 16.5035
YIQ	98.7830, 20.4450, 20.4530

# Conversions

## Conversions Part 2

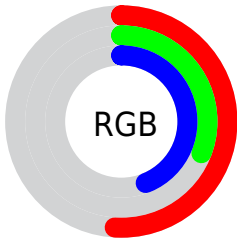
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 80, 111</a>
Decimal	<a href="#">8605807</a>
CIELab	<a href="#">40.75, 26.17, -8.79</a>
CIElCh	<a href="#">41, 27.604, 341.438</a>
Yxy	<a href="#">11.7103, 0.3486, 0.2704</a>
Android (android.graphics.Color)	<a href="#">4286795887</a> ( <a href="#">0xFF83506F</a> )
YUV	<a href="#">98.7830, 6.0230, 28.2543</a>
Hunter-Lab	<a href="#">34.2203, 18.8684, -4.6396</a>




# Details

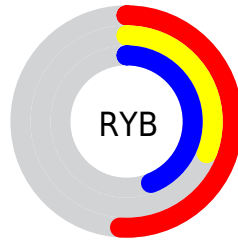
The Hex color **83506F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **508364**, and the grayscale version is **636363**.




A 20% lighter version of the original color is **B982A3**, and **50213F** is the 20% darker color. If you saturate the color by 10%, you get **83436A**, and if you desaturate by 10%, it is **835D74**.

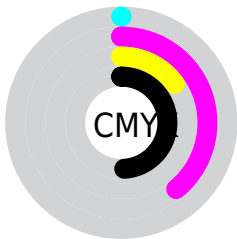
# Distribution







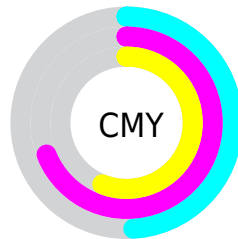
-  Red (51%)
-  Green (31%)
-  Blue (44%)






-  Red (51%)
-  Yellow (31%)
-  Blue (44%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (15%)
-  Black (49%)



-  Cyan (49%)
-  Magenta (69%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83506F 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 83506F by changing the saturation by 10% instead.





83506F



83506F

FFFFFF



693857



B982A3



50213F



D59DBE



380A29



F2B8DA



250015



FFD4F6



000000



FFF0FF



83506F



83506F



83436A



835D74



833665



836A79

832960

83777E

831C5A

838484

830F55

839289

830150

839F8E

830050

83AC93

83B998

83C69D

# Harmonies

## Analogous

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



6E5782



83506F



8C4E58

# Triad

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



83506F



666233



006B7D

# Complementary

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



83506F



508364

# 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.



006C68



83506F



4D673D

# Square

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



83506F



7A5A35



2F6B51



1F668A

# Rectangle

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



83506F



8A504A



2F6B51



006B77



# Sweetspot

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



83506F



AB96A3



645083



574B52



D6D6D6



575757



# Same Dimension

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



83506F



AB5B8B



835056



423C40



82004F



030002



# Inverse Universe

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



83506F



AB5B8B



50837D



423C40



82004F

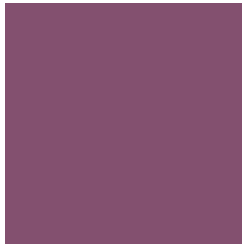


030002



# Previews

## White Background



This preview shows how the Hex color 83506F looks on a white background.

## Color Contrast Check

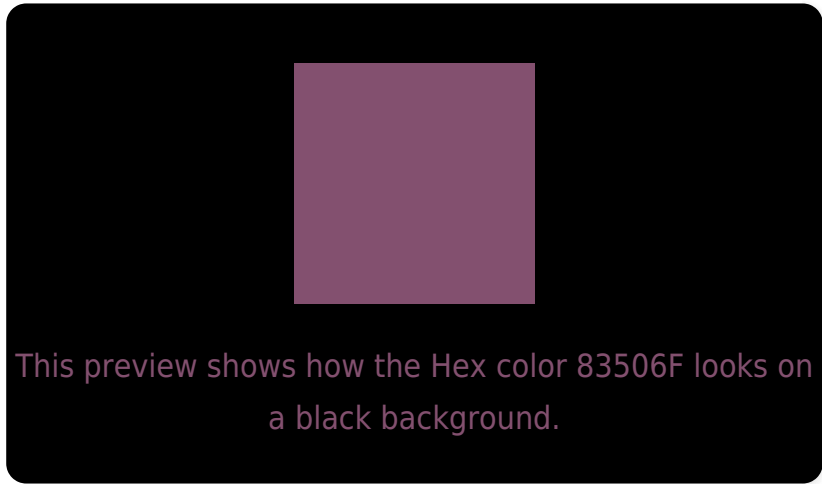
Large Text (above 18pt) WCAG AA ✓ Pass

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

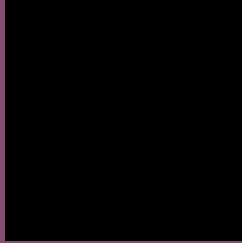
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 83506F Background



This preview shows how black text looks on a background with the Hex color 83506F.

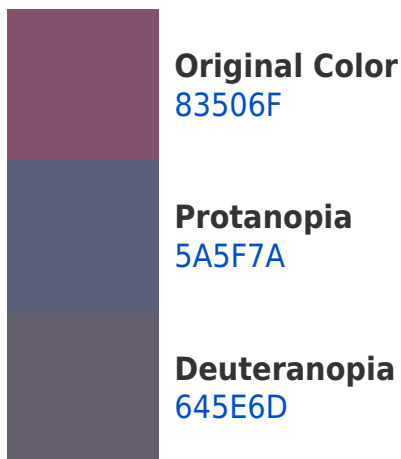



This preview shows how white text looks on a background with the Hex color 83506F.

# 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**  
81545A

# Trichromacy



**Original Color**  
83506F

**Protanomaly**  
695A76

**Deuteranomaly**  
6F596E

**Tritanomaly**  
825362

# Monochromacy



**Original Color**  
83506F

**Achromatopsia**  
636363

**Achromatomaly**  
6F5C67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83506F 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 #83506F looks like.

```
.text, #text, p{  
    color:#83506F  
}
```

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 #83506F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83506F
}
```

## Border

The CSS property to change the border of an element to Hex 83506F is called "border". The border property can be set on classes, ids or directly on the HTML element.

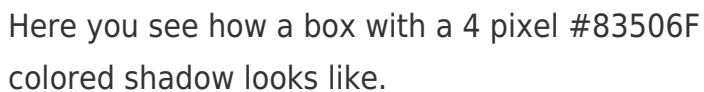
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83506F }
```

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

```
.border{ border-color:#83506F }
```

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



Here you see how a box with a 4 pixel #83506F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83506F; -webkit-box-shadow:4px 4px  
4px 4px #83506F; box-shadow:4px 4px 4px  
4px #83506F }
```

# Background

The CSS property to change the background color of an element to Hex 83506F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83506F }
```

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

```
.background{ background-color:#83506F }
```

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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