

# Converting Colors

Hex(83596D)

Have a look what the booklet for  
Hex(83596D) contains.

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# Color

**Hex(83596D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83596D
RGB	131, 89, 109
RGB Percent	51%, 35%, 43%
CMY	0.4863, 0.6510, 0.5725
CMYK	0.00, 0.32, 0.17, 0.49
HSL	331°, 19%, 43%
HSV	331°, 32%, 51%
XYZ	15.6928, 13.0742, 16.1645
YIQ	103.8380, 18.6120, 15.1240

# Conversions

## Conversions Part 2

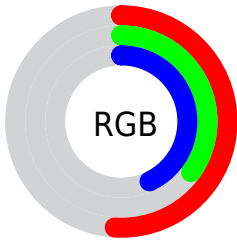
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 89, 109
Decimal	8608109
CIE <sub>Lab</sub>	42.87, 20.53, -4.39
CIE <sub>LCh</sub>	43, 20.993, 347.924
Yxy	13.0742, 0.3493, 0.2910
Android (android.graphics.Color)	4286798189 (0xFF83596D)
YUV	103.8380, 2.5449, 23.8211
Hunter-Lab	36.1582, 14.1926, -1.1947

# Details

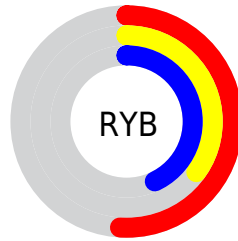
The Hex color **83596D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59836F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B98BA0**, and **512A3E** is the 20% darker color. If you saturate the color by 10%, you get **834C66**, and if you desaturate by 10%, it is **836674**.

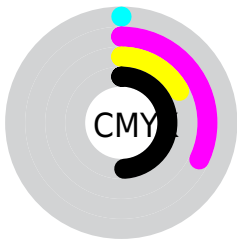
# Distribution



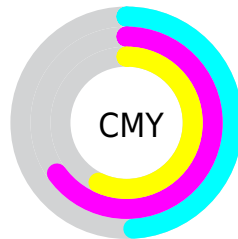
- Red (51%)
- Green (35%)
- Blue (43%)



- Red (51%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (32%)
- Yellow (17%)
- Black (49%)



- Cyan (49%)
- Magenta (65%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83596D 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 83596D by changing the saturation by 10% instead.





83596D



83596D

FFFFFF



694155



B98BA0



512A3E



D5A6BB



391528



F1C1D7



240013



FFDDF4



000000



FFFAFF



83596D



83596D



834C66



836674



833F5F



83737B

833258

838082

832552

838D88

83184B

839B8F

830A44

83A896

83003E

83B59D

83C2A4

83CFAB

# Harmonies

## Analogous

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



745D7D



83596D



88595B

# Triad

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



83596D



676744



306D7E

# Complementary

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



83596D



59836F

# 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.



2F6F6F



83596D



536C4E

# Square

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



83596D



786244



3F6E5D



446987

# Rectangle

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



83596D



865B51



3F6E5D



2D6E7A



# Sweetspot

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



83596D



AB9AA2



6F5983



574C51



D6D6D6



575757



# Same Dimension

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



83596D



AB6A89



835A59



423C3F



82003E



030001



# Inverse Universe

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



83596D



AB6A89



598283



423C3F



82003E

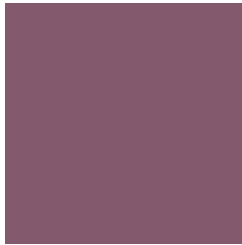


030001



# Previews

## White Background



This preview shows how the Hex color 83596D looks on a white background.

## Color Contrast Check

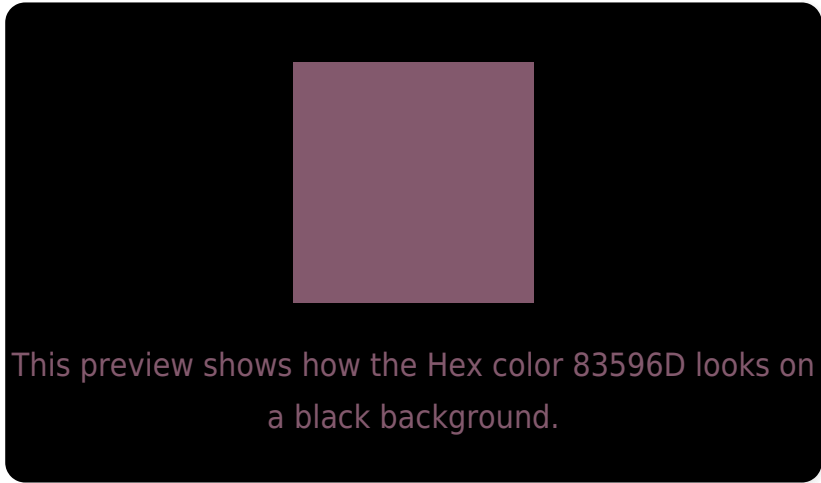
Large Text (above 18pt) WCAG AA ✓ Pass

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

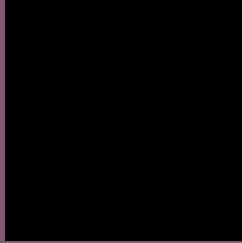
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 83596D Background



This preview shows how black text looks on a background with the Hex color 83596D.



This preview shows how white text looks on a background with the Hex color 83596D.

# 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**  
83596D

**Protanopia**  
636574

**Deuteranopia**  
6D636B



**Tritanopia**  
825B62

# Trichromacy



**Original Color**  
83596D

**Protanomaly**  
6F6171

**Deuteranomaly**  
755F6C

**Tritanomaly**  
825A66

# Monochromacy



**Original Color**  
83596D

**Achromatopsia**  
686868

**Achromatomaly**  
72636A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83596D 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 #83596D looks like.

```
.text, #text, p{  
    color:#83596D  
}
```

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 #83596D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83596D
}
```

## Border

The CSS property to change the border of an element to Hex 83596D is called "border". The border property can be set on classes, ids or directly on the HTML element.

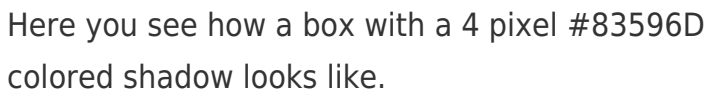
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83596D }
```

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

```
.border{ border-color:#83596D }
```

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



Here you see how a box with a 4 pixel #83596D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83596D; -webkit-box-shadow:4px 4px  
4px 4px #83596D; box-shadow:4px 4px 4px  
4px #83596D }
```

# Background

The CSS property to change the background color of an element to Hex 83596D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83596D }
```

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

```
.background{ background-color:#83596D }
```

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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