

# Converting Colors

Hex(83346D)

Have a look what the booklet for  
Hex(83346D) contains.

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# Color

**Hex(83346D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83346D
RGB	131, 52, 109
RGB Percent	51%, 20%, 43%
CMY	0.4863, 0.7961, 0.5725
CMYK	0.00, 0.60, 0.17, 0.49
HSL	317°, 43%, 36%
HSV	317°, 60%, 51%
XYZ	13.3484, 8.3854, 15.3830
YIQ	82.1190, 28.7870, 34.4750

# Conversions

## Conversions Part 2

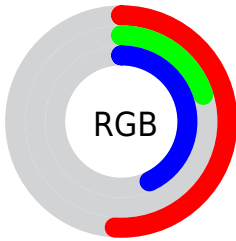
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 52, 109
Decimal	8598637
CIE <sub>Lab</sub>	34.77, 41.05, -16.63
CIE <sub>LCh</sub>	35, 44.286, 337.950
Yxy	8.3854, 0.3596, 0.2259
Android (android.graphics.Color)	4286788717 (0xFF83346D)
YUV	82.1190, 13.2523, 42.8686
Hunter-Lab	28.9576, 31.6063, -11.2261

# Details

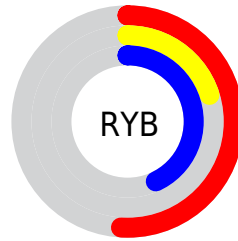
The Hex color **83346D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **34834A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **BA67A1**, and **4F003D** is the 20% darker color. If you saturate the color by 10%, you get **832769**, and if you desaturate by 10%, it is **834171**.

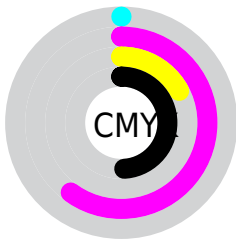
# Distribution



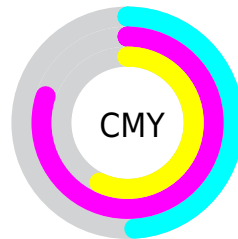
- Red (51%)
- Green (20%)
- Blue (43%)



- Red (51%)
- Yellow (20%)
- Blue (43%)



- Cyan (0%)
- Magenta (60%)
- Yellow (17%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83346D 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 83346D by changing the saturation by 10% instead.



83346D

83346D

FFFFFF

681A55

BA67A1

4F003D

D781BC

360027

F49CD7

1D0012

FFB8F4

000000

FFD4FF

FFF1FF

83346D

83346D

832769

834171

831A66

834E74

830D62

835B78

83005F

83687C

83767F

838383

839087

839D8A

83AA8E

# Harmonies

## Analogous

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



5F448A



83346D



912D4A

# Triad

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



83346D



5A5300



00617C

# Complementary

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



83346D



34834A

# 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.



00625A



83346D



345C14

# Square

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



83346D



774609



006036



005D93

# Rectangle

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



83346D



8F3333



006036



006272



# Sweetspot

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



83346D



AB8CA2



493483



574451



D6D6D6



575757



# Same Dimension

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



83346D



AB3089



833446



423C40



82005E



030002



# Inverse Universe

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



83346D



AB3089



348371



423C40



82005E



030002



# Previews

## White Background



This preview shows how the Hex color 83346D looks on a white background.

## Color Contrast Check

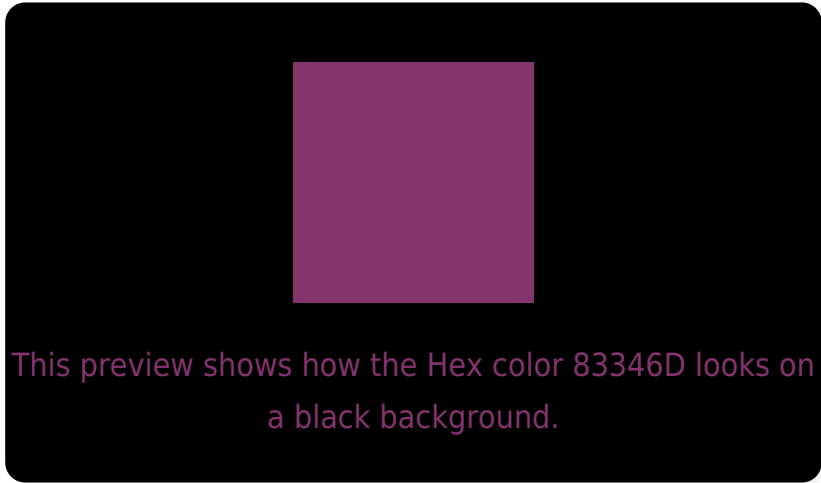
Large Text (above 18pt) WCAG AA ✓ Pass

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

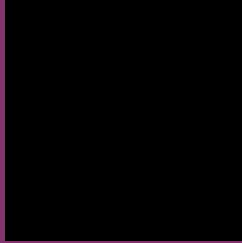
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 83346D Background



This preview shows how black text looks on a background with the Hex color 83346D.




This preview shows how white text looks on a background with the Hex color 83346D.

# 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**  
7F3F43

# Trichromacy



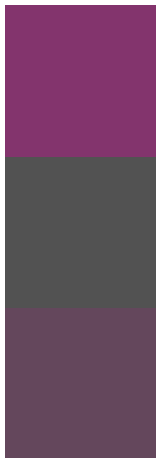
**Original Color**  
83346D

**Protanomaly**  
58467C

**Deuteranomaly**  
62466A

**Tritanomaly**  
803B52

# Monochromacy



**Original Color**  
83346D

**Achromatopsia**  
525252

**Achromatomaly**  
64475C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83346D 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 #83346D looks like.

```
.text, #text, p{  
    color:#83346D  
}
```

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 #83346D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83346D
}
```

## Border

The CSS property to change the border of an element to Hex 83346D is called "border". The border property can be set on classes, ids or directly on the HTML element.

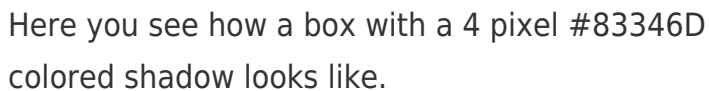
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83346D }
```

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

```
.border{ border-color:#83346D }
```

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



Here you see how a box with a 4 pixel #83346D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83346D; -webkit-box-shadow:4px 4px  
4px 4px #83346D; box-shadow:4px 4px 4px  
4px #83346D }
```

# Background

The CSS property to change the background color of an element to Hex 83346D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83346D }
```

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

```
.background{ background-color:#83346D }
```

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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