

# Converting Colors

Hex(83638E)

Have a look what the booklet for  
Hex(83638E) contains.

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# Color

**Hex(83638E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83638E
RGB	131, 99, 142
RGB Percent	51%, 39%, 56%
CMY	0.4863, 0.6118, 0.4431
CMYK	0.08, 0.30, 0.00, 0.44
HSL	285°, 18%, 47%
HSV	285°, 30%, 56%
XYZ	18.7044, 15.7020, 27.6361
YIQ	113.4700, 5.2690, 20.1570

# Conversions

## Conversions Part 2

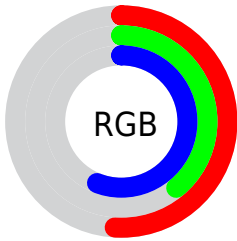
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 99, 142
Decimal	8610702
CIE <sub>Lab</sub>	46.58, 21.08, -18.73
CIE <sub>LCh</sub>	47, 28.203, 318.381
Yxy	15.7020, 0.3015, 0.2531
Android (android.graphics.Color)	4286800782 (0xFF83638E)
YUV	113.4700, 14.0653, 15.3738
Hunter-Lab	39.6257, 14.9118, -13.6126

# Details

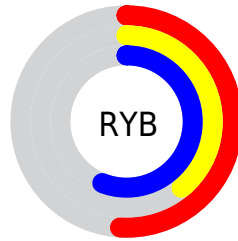
The Hex color **83638E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6E8E63**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B996C4**, and **51345C** is the 20% darker color. If you saturate the color by 10%, you get **7F558E**, and if you desaturate by 10%, it is **87718E**.

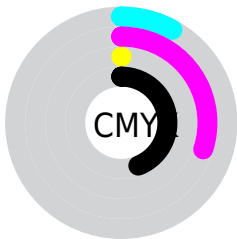
# Distribution



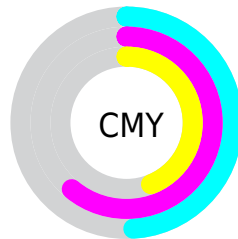
- Red (51%)
- Green (39%)
- Blue (56%)



- Red (51%)
- Yellow (39%)
- Blue (56%)



- Cyan (8%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (61%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83638E 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 83638E by changing the saturation by 10% instead.



83638E

83638E

FFFFFF

694B74

B996C4

51345C

D4B1E0

391E44

F1CCFC

23082E

FFE9FF

020019

000000

83638E

83638E

7F558E

87718E

7C478E

8A7F8E

78388E

8E8E8E

742A8E

929C8E

711C8E

95AA8E

6D0E8E

99B88E

6A008E

9CC68E

A0D58E

A4E38E

# Harmonies

## Analogous

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



636C9B



83638E



965D79

# Triad

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



83638E



866A40



0D7B7C

# Complementary

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



83638E



6E8E63

# 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.



357A64



83638E



6F7241

# Square

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



83638E



96624C



54774E



097991

# Rectangle

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



83638E



9C5C69



54774E



1C7B74



# Sweetspot

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



83638E



B3A7B8



636E8E



59525C



DBDBDB



5C5C5C



# Same Dimension

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



83638E



A776B8



8E6384



464047



650087



060008



# Inverse Universe

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



8E636E



B87686



638E6D



474042



870023

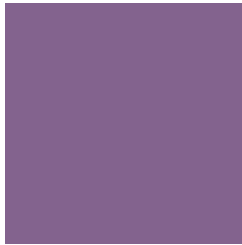


080002



# Previews

## White Background



This preview shows how the Hex color 83638E looks on a white background.

## Color Contrast Check

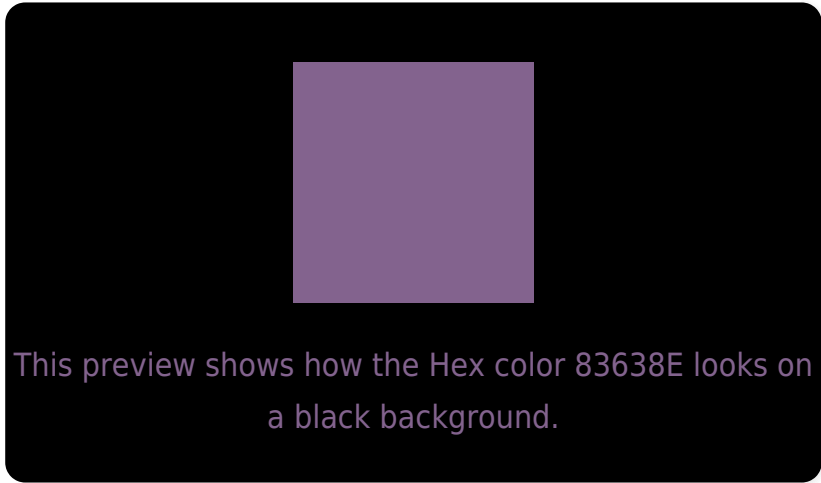
Large Text (above 18pt) WCAG AA ✓ Pass

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

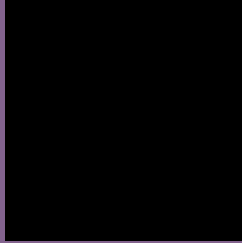
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 83638E Background



This preview shows how black text looks on a background with the Hex color 83638E.




This preview shows how white text looks on a background with the Hex color 83638E.

# 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**  
7F6971

# Trichromacy



**Original Color**  
83638E

**Protanomaly**  
6F6993

**Deuteranomaly**  
73698D

**Tritanomaly**  
80677C

# Monochromacy



**Original Color**  
83638E

**Achromatopsia**  
717171

**Achromatomaly**  
786C7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83638E 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 #83638E looks like.

```
.text, #text, p{  
    color:#83638E  
}
```

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 #83638E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83638E
}
```

## Border

The CSS property to change the border of an element to Hex 83638E is called "border". The border property can be set on classes, ids or directly on the HTML element.

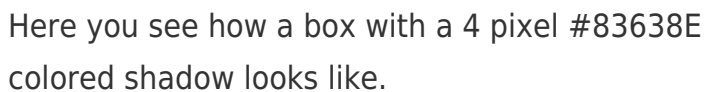
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83638E }
```

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

```
.border{ border-color:#83638E }
```

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



Here you see how a box with a 4 pixel #83638E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83638E; -webkit-box-shadow:4px 4px  
4px 4px #83638E; box-shadow:4px 4px 4px  
4px #83638E }
```

# Background

The CSS property to change the background color of an element to Hex 83638E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83638E }
```

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

```
.background{ background-color:#83638E }
```

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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