

# Converting Colors

Hex(83889D)

Have a look what the booklet for  
Hex(83889D) contains.

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# Color

**Hex(83889D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83889D
RGB	131, 136, 157
RGB Percent	51%, 53%, 62%
CMY	0.4863, 0.4667, 0.3843
CMYK	0.17, 0.13, 0.00, 0.38
HSL	228°, 12%, 56%
HSV	228°, 17%, 62%
XYZ	24.2500, 24.8679, 35.4202
YIQ	136.8990, -9.7210, 5.4710

# Conversions

## Conversions Part 2

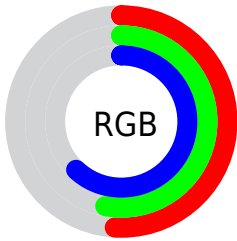
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 135, 157
Decimal	8620189
CIE Lab	56.95, 2.70, -11.78
CIE LCh	57, 12.085, 282.903
Yxy	24.8679, 0.2869, 0.2942
Android (android.graphics.Color)	4286810269 (0xFF83889D)
YUV	136.8990, 9.9098, -5.1734
Hunter-Lab	49.8678, -0.4664, -7.2052

# Details

The Hex color **83889D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9D9883**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B8BDD4**, and **51566A** is the 20% darker color. If you saturate the color by 10%, you get **737B9D**, and if you desaturate by 10%, it is **93959D**.

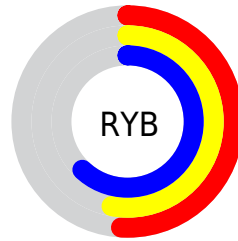
# Distribution



Red (51%)

Green (53%)

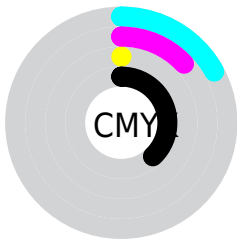
Blue (62%)



Red (51%)

Yellow (53%)

Blue (62%)

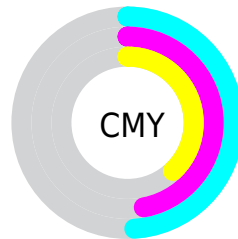


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (49%)

Magenta (47%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83889D 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 83889D by changing the saturation by 10% instead.





83889D



83889D

FFFFFF



6A6F83



B8BDD4



51566A



D4D9F0



3A3F52



F0F5FF



24293B



0F1525



00010F



000000



83889D



83889D



737B9D



93959D

646F9D

A2A19D

54629D

B2AE9D

44559D

C2BB9D

34499D

D2C79D

253C9D

E1D49D

152F9D

F1E19D

05239D

FFED9D

001E9D

FFFA9D

# Harmonies

## Analogous

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



768B9C



83889D



908598

# Triad

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



83889D



9E837B



758E82

# Complementary

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



83889D



9D9883

# 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.



808C79



83889D



978675

# Square

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



83889D



9F8184



8C8974



6E8F8D

# Rectangle

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



83889D



978392



8C8974



798E7F

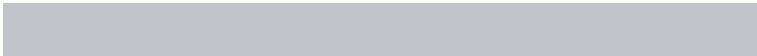


# Sweetspot

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



83889D



C2C4CC



839D98



606166



E6E6E6



666666



# Same Dimension

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



83889D



A3ABCC



8B839D



47494F



001B8F



00030F



# Inverse Universe

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



9D8388



CCA3AB



959D83



4F4749



8F001B

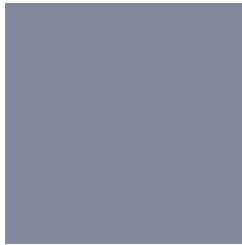


0F0003



# Previews

## White Background



This preview shows how the Hex color 83889D looks on a white background.

## Color Contrast Check

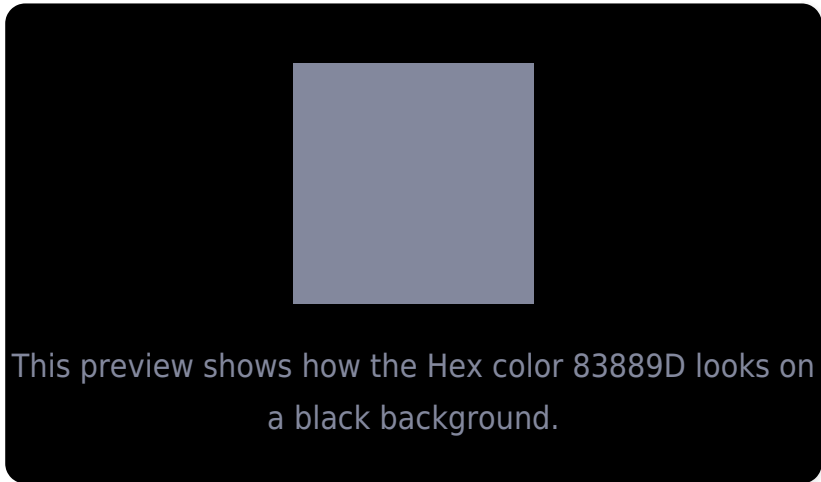
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

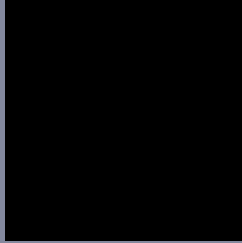
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

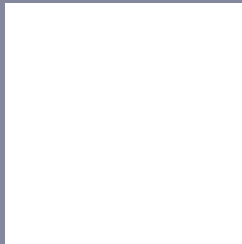
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83889D Background



This preview shows how black text looks on a background with the Hex color 83889D.



This preview shows how white text looks on a background with the Hex color 83889D.

# 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**  
83889D

**Protanopia**  
85879D

**Deuteranopia**  
8C859E



**Tritanopia**  
818994

# Trichromacy



**Original Color**  
83889D

**Protanomaly**  
84879D

**Deuteranomaly**  
89869E

**Tritanomaly**  
828997

# Monochromacy



**Original Color**  
83889D

**Achromatopsia**  
898989

**Achromatomaly**  
878990

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83889D 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 #83889D looks like.

```
.text, #text, p{  
    color:#83889D  
}
```

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 #83889D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83889D
}
```

## Border

The CSS property to change the border of an element to Hex 83889D is called "border". The border property can be set on classes, ids or directly on the HTML element.

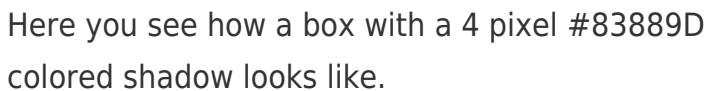
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83889D }
```

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

```
.border{ border-color:#83889D }
```

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



Here you see how a box with a 4 pixel #83889D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83889D; -webkit-box-shadow:4px 4px  
4px 4px #83889D; box-shadow:4px 4px 4px  
4px #83889D }
```

# Background

The CSS property to change the background color of an element to Hex 83889D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83889D }
```

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

```
.background{ background-color:#83889D }
```

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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