

# Converting Colors

Hex(86839D)

Have a look what the booklet for  
Hex(86839D) contains.

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# Color

**Hex(86839D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86839D
RGB	134, 131, 157
RGB Percent	53%, 51%, 62%
CMY	0.4745, 0.4863, 0.3843
CMYK	0.15, 0.17, 0.00, 0.38
HSL	247°, 12%, 56%
HSV	247°, 17%, 62%
XYZ	24.0336, 23.7353, 35.2129
YIQ	134.8610, -6.5580, 8.7220

# Conversions

## Conversions Part 2

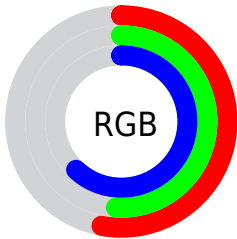
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 131, 157
Decimal	8815517
CIELab	55.82, 6.60, -13.45
CIELCh	56, 14.983, 296.138
Yxy	23.7353, 0.2896, 0.2860
Android (android.graphics.Color)	4287005597 (0xFF86839D)
YUV	134.8610, 10.9145, -0.7551
Hunter-Lab	48.7188, 2.7983, -8.7504

# Details

The Hex color **86839D** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **9A9D83**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BBB8D4**, and **54526A** is the 20% darker color. If you saturate the color by 10%, you get **78739D**, and if you desaturate by 10%, it is **94939D**.

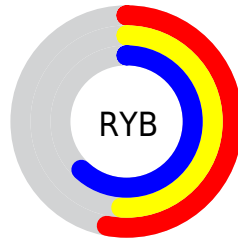
# Distribution



Red (53%)

Green (51%)

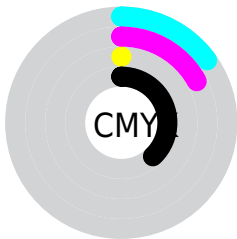
Blue (62%)



Red (53%)

Yellow (51%)

Blue (62%)

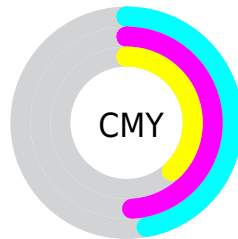


Cyan (15%)

Magenta (17%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (49%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86839D 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 86839D by changing the saturation by 10% instead.



86839D

86839D

FFFFFF

6D6A83

BBB8D4

54526A

D7D4F0

3D3B51

F4F0FF

27253A

121025

00010F

000000

86839D

86839D

78739D

94939D

6A649D

A2A29D

5C549D

B0B29D

4E449D

BEC29D

41349D

CBD29D

33259D

D9E19D

25159D

E7F19D

17059D

F5FF9D

12009D

FFFF9D

# Harmonies

## Analogous

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



75879F



86839D



957F94

# Triad

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



86839D



9C8071



688D84

# Complementary

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



86839D



9A9D83

# 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.



758C77



86839D



92846C

# Square

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



86839D



A17D7B



84886E



638D91

# Rectangle

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



86839D



9C7D8C



84886E



6C8D7F



# Sweetspot

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



86839D



C3C2CC



839A9D



616066



E6E6E6



666666



# Same Dimension

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



86839D



A8A3CC



93839D



48474F



10008F



02000F



# Inverse Universe

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



9D839A



CCA3C7



8D9D83



4F474E



8F007E



0F000E



# Previews

## White Background



This preview shows how the Hex color 86839D looks on a white background.

## Color Contrast Check

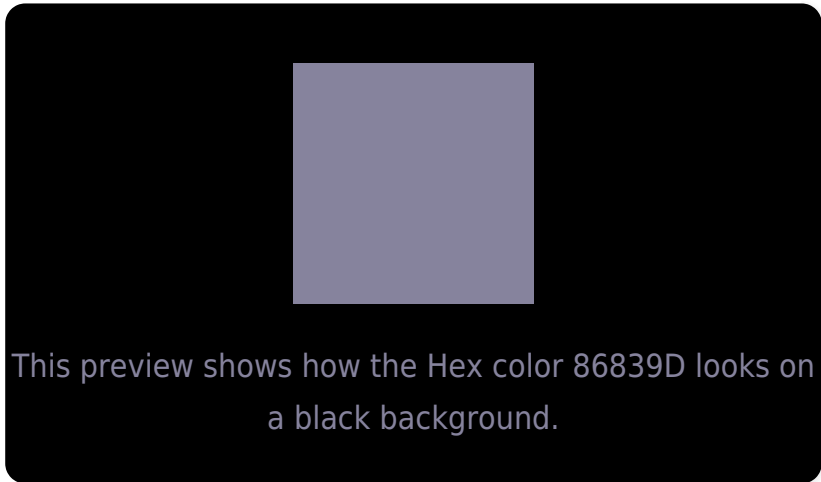
Large Text (above 18pt) WCAG AA ✓ Pass

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

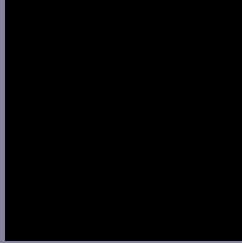
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

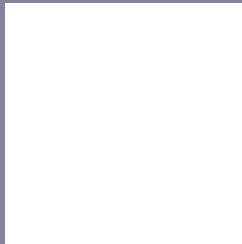
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86839D Background



This preview shows how black text looks on a background with the Hex color 86839D.



This preview shows how white text looks on a background with the Hex color 86839D.

# 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**  
86839D

**Protanopia**  
81859E

**Deuteranopia**  
87839D



**Tritanopia**  
848590

# Trichromacy



**Original Color**  
86839D

**Protanomaly**  
83849E

**Deuteranomaly**  
87839D

**Tritanomaly**  
858495

# Monochromacy



**Original Color**  
86839D

**Achromatopsia**  
878787

**Achromatomaly**  
87868F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86839D 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 #86839D looks like.

```
.text, #text, p{  
    color:#86839D  
}
```

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 #86839D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86839D
}
```

## Border

The CSS property to change the border of an element to Hex 86839D 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
#86839D }
```

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

```
.border{ border-color:#86839D }
```

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

Here you see how a box with a 4 pixel #86839D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86839D; -webkit-box-shadow:4px 4px  
4px 4px #86839D; box-shadow:4px 4px 4px  
4px #86839D }
```

# Background

The CSS property to change the background color of an element to Hex 86839D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86839D }
```

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

```
.background{ background-color:#86839D }
```

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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