

# Converting Colors

Hex(87739D)

Have a look what the booklet for  
Hex(87739D) contains.

<b>Hex(87739D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(87739D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87739D
RGB	135, 115, 157
RGB Percent	53%, 45%, 62%
CMY	0.4706, 0.5490, 0.3843
CMYK	0.14, 0.27, 0.00, 0.38
HSL	269°, 18%, 53%
HSV	269°, 27%, 62%
XYZ	22.2082, 19.8467, 34.5586
YIQ	125.7680, -1.5620, 17.3020

# Conversions

## Conversions Part 2

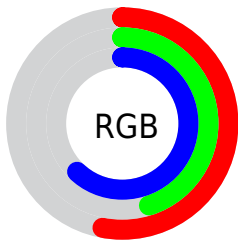
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 115, 157
Decimal	8876957
CIE <sub>Lab</sub>	51.66, 16.31, -19.76
CIE <sub>LCh</sub>	52, 25.624, 309.527
Yxy	19.8467, 0.2899, 0.2590
Android (android.graphics.Color)	4287067037 (0xFF87739D)
YUV	125.7680, 15.3974, 8.0965
Hunter-Lab	44.5496, 11.0213, -14.8084

# Details

The Hex color **87739D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **899D73**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BDA7D4**, and **55436A** is the 20% darker color. If you saturate the color by 10%, you get **7F639D**, and if you desaturate by 10%, it is **8F839D**.

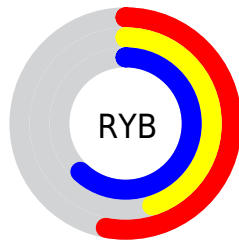
# Distribution



Red (53%)

Green (45%)

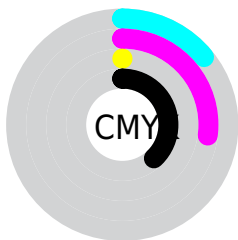
Blue (62%)



Red (53%)

Yellow (45%)

Blue (62%)

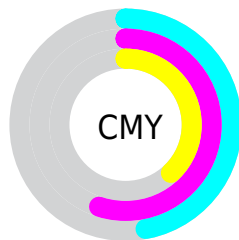


Cyan (14%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (55%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87739D 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 87739D by changing the saturation by 10% instead.



87739D

87739D

FFFFFF

6D5A83

BDA7D4

55436A

D9C2F0

3D2C51

F5DEFF

26173A

FFFBFF

140025

00010D

000000

87739D

87739D

7F639D

8F839D

77549D

97929D

6E449D

A0A29D

66349D

A8B29D

5E249D

B0C29D

56159D

B8D19D

4D059D

C1E19D

4B009D

C9F19D

D1FF9D

# Harmonies

## Analogous

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



687BA6



87739D



9D6D8B

# Triad

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



87739D



977553



398782

# Complementary

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



87739D



899D73

# 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.



51866B



87739D



837C50

# Square

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



87739D



A46E60



6B8259



318696

# Rectangle

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



87739D



A46B7C



6B8259



40877A



# Sweetspot

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



87739D



C3BCCC



73899D



615C66



E6E6E6



666666



# Same Dimension

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



87739D



AA8BCC



9C739D



4B474F



44008F



07000F



# Inverse Universe

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



9D7389



CC8BAD



749D73



4F474B



8F004B

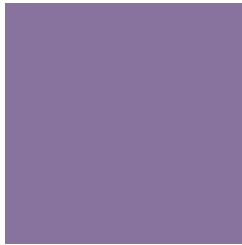


0F0008



# Previews

## White Background



This preview shows how the Hex color 87739D looks on a white background.

## Color Contrast Check

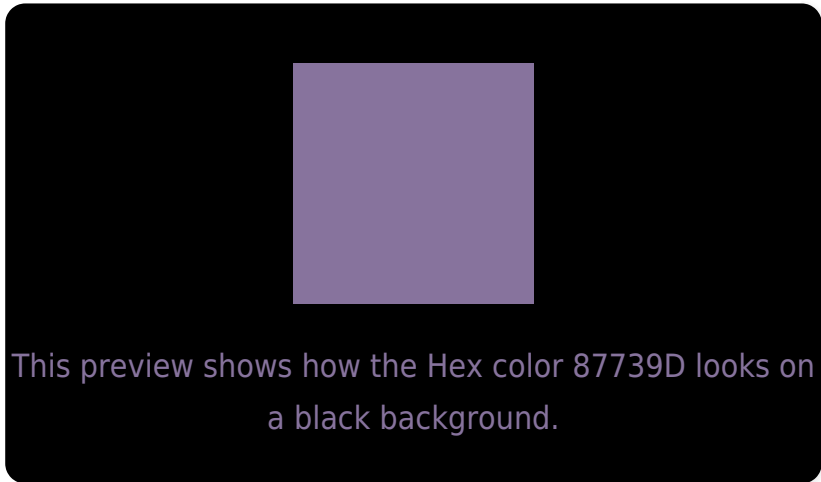
Large Text (above 18pt) WCAG AA ✓ Pass

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

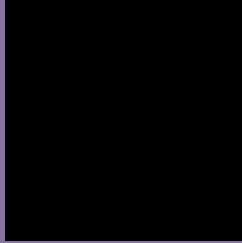
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 87739D Background



This preview shows how black text looks on a background with the Hex color 87739D.



This preview shows how white text looks on a background with the Hex color 87739D.

# 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**  
837882

# Trichromacy



**Original Color**  
87739D

**Protanomaly**  
7877A0

**Deuteranomaly**  
7C779C

**Tritanomaly**  
84768C

# Monochromacy



**Original Color**  
87739D

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
817A89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87739D 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 #87739D looks like.

```
.text, #text, p{  
    color:#87739D  
}
```

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 #87739D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87739D
}
```

## Border

The CSS property to change the border of an element to Hex 87739D is called "border". The border property can be set on classes, ids or directly on the HTML element.

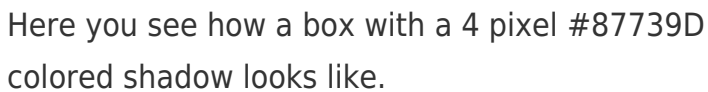
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87739D }
```

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

```
.border{ border-color:#87739D }
```

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



Here you see how a box with a 4 pixel #87739D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87739D; -webkit-box-shadow:4px 4px  
4px 4px #87739D; box-shadow:4px 4px 4px  
4px #87739D }
```

# Background

The CSS property to change the background color of an element to Hex 87739D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87739D }
```

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

```
.background{ background-color:#87739D }
```

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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