

# Converting Colors

Hex(87669E)

Have a look what the booklet for  
Hex(87669E) contains.

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# Color

**Hex(87669E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87669E
RGB	135, 102, 158
RGB Percent	53%, 40%, 62%
CMY	0.4706, 0.6000, 0.3804
CMYK	0.15, 0.35, 0.00, 0.38
HSL	275°, 22%, 51%
HSV	275°, 35%, 62%
XYZ	20.9146, 17.1223, 34.5504
YIQ	118.2510, 1.6920, 24.4120

# Conversions

## Conversions Part 2

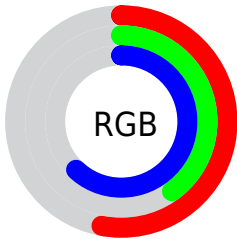
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 102, 158
Decimal	8873630
CIE <sub>Lab</sub>	48.41, 24.22, -25.36
CIE <sub>LCh</sub>	48, 35.062, 313.682
Yxy	17.1223, 0.2881, 0.2359
Android (android.graphics.Color)	4287063710 (0xFF87669E)
YUV	118.2510, 19.5963, 14.6889
Hunter-Lab	41.3791, 17.8076, -20.5402

# Details

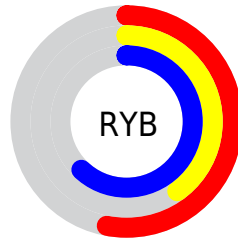
The Hex color **87669E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7D9E66**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BD99D5**, and **54366A** is the 20% darker color. If you saturate the color by 10%, you get **81569E**, and if you desaturate by 10%, it is **8D769E**.

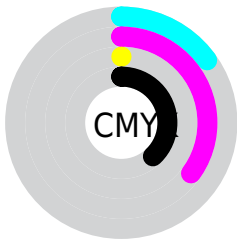
# Distribution



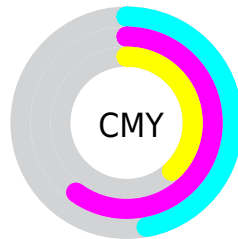
- Red (53%)
- Green (40%)
- Blue (62%)



- Red (53%)
- Yellow (40%)
- Blue (62%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (60%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87669E 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 87669E by changing the saturation by 10% instead.



87669E

87669E

FFFFFF

6D4E84

BD99D5

54366A

D9B4F1

3C2052

F6D0FF

250B3B

FFECFF

100025

00010D

000000

87669E

87669E

81569E

8D769E

7A469E

94869E

74379E

9A959E

6D279E

A1A59E

67179E

A7B59E

60079E

AEC59E

5D009E

B4D59E

BBE49E

C1F49E

# Harmonies

## Analogous

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



5B71AC



87669E



A25D84

# Triad

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



87669E



936C3A



008280

# Complementary

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



87669E



7D9E66

# 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.



2B8161



87669E



787638

# Square

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



87669E



A5614B



577D47



00809B

# Rectangle

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



87669E



AA5A70



577D47



008276



# Sweetspot

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



87669E



C5B8CF



667D9E



635B69



E8E8E8



696969



# Same Dimension

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



87669E



AA76CF



9E6699



4C474F



54008F



09000F



# Inverse Universe

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



9E667D



CF769A



669E6B



4F474A



8F003B

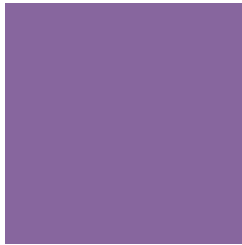


0F0006



# Previews

## White Background



This preview shows how the Hex color 87669E looks on a white background.

## Color Contrast Check

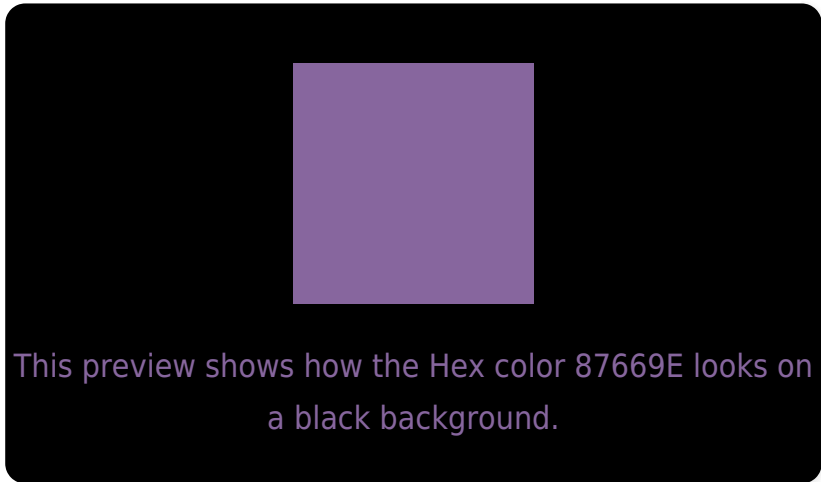
Large Text (above 18pt) WCAG AA ✓ Pass

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

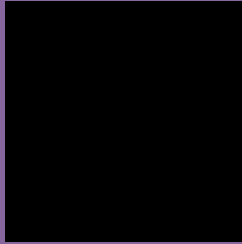
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 87669E Background



This preview shows how black text looks on a background with the Hex color 87669E.

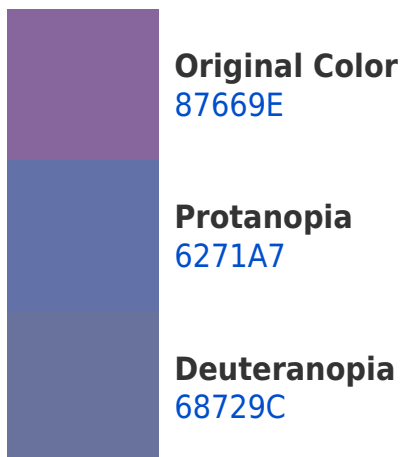


This preview shows how white text looks on a background with the Hex color 87669E.

# 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](#).

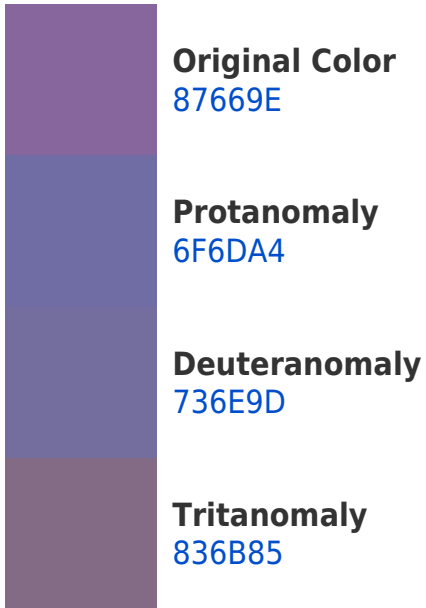
## Dichromacy





**Tritanopia**  
816E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87669E 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 #87669E looks like.

```
.text, #text, p{  
    color:#87669E  
}
```

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 #87669E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87669E
}
```

## Border

The CSS property to change the border of an element to Hex 87669E is called "border". The border property can be set on classes, ids or directly on the HTML element.

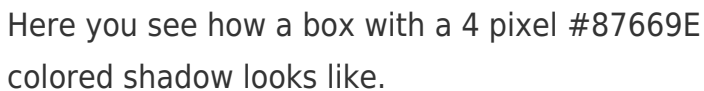
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87669E }
```

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

```
.border{ border-color:#87669E }
```

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



Here you see how a box with a 4 pixel #87669E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87669E; -webkit-box-shadow:4px 4px  
4px 4px #87669E; box-shadow:4px 4px 4px  
4px #87669E }
```

# Background

The CSS property to change the background color of an element to Hex 87669E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87669E }
```

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

```
.background{ background-color:#87669E }
```

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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