

# Converting Colors

Hex(876289)

Have a look what the booklet for  
Hex(876289) contains.

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**Color**

**Hex(876289)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876289
RGB	135, 98, 137
RGB Percent	53%, 38%, 54%
CMY	0.4706, 0.6157, 0.4627
CMYK	0.01, 0.28, 0.00, 0.46
HSL	297°, 17%, 46%
HSV	297°, 28%, 54%
XYZ	18.8747, 15.6924, 25.7010
YIQ	113.5090, 9.5330, 19.9730

# Conversions

## Conversions Part 2

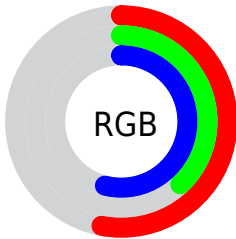
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 98, 137
Decimal	8872585
CIE <sub>Lab</sub>	46.57, 22.02, -15.73
CIE <sub>LCh</sub>	47, 27.058, 324.465
Yxy	15.6924, 0.3132, 0.2604
Android (android.graphics.Color)	4287062665 (0xFF876289)
YUV	113.5090, 11.5811, 18.8476
Hunter-Lab	39.6136, 15.7260, -10.7374

# Details

The Hex color **876289** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **648962**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BD95BE**, and **553357** is the 20% darker color. If you saturate the color by 10%, you get **865489**, and if you desaturate by 10%, it is **887089**.

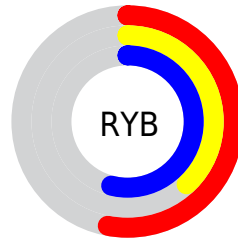
# Distribution



Red (53%)

Green (38%)

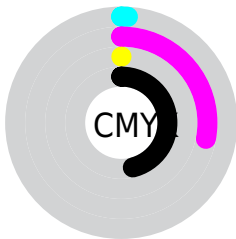
Blue (54%)



Red (53%)

Yellow (38%)

Blue (54%)

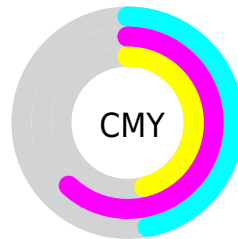


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (47%)

Magenta (62%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876289 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 876289 by changing the saturation by 10% instead.



876289

876289

FFFFFF

6D4A70

BD95BE

553357

D9B0DA

3D1D40

F5CCF7

26072A

FFE8FF

080015

000000

876289

876289

865489

887089

864789

887D89

853989

898B89

842B89

8A9989

831E89

8BA789

831089

8BB489

820289

8CC289

820089

8DD089

8DDD89

# Harmonies

## Analogous

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



6B6A98



876289



975D74

# Triad

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



876289



816C41



147A80

# Complementary

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



876289



648962

# 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.



327A69



876289



6A7344

# Square

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



876289



92644A



507853



1F7793

# Rectangle

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



876289



9B5D64



507853



1D7B79



# Sweetspot

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



876289



B2A2B3



626589



594F59



D9D9D9



595959



# Same Dimension

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



876289



AF76B3



896278



443E45



7E0085



050005



# Inverse Universe

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



896264



B37679



628973



453E3E



850007

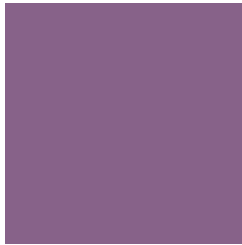


050000



# Previews

## White Background



This preview shows how the Hex color 876289 looks on a white background.

## Color Contrast Check

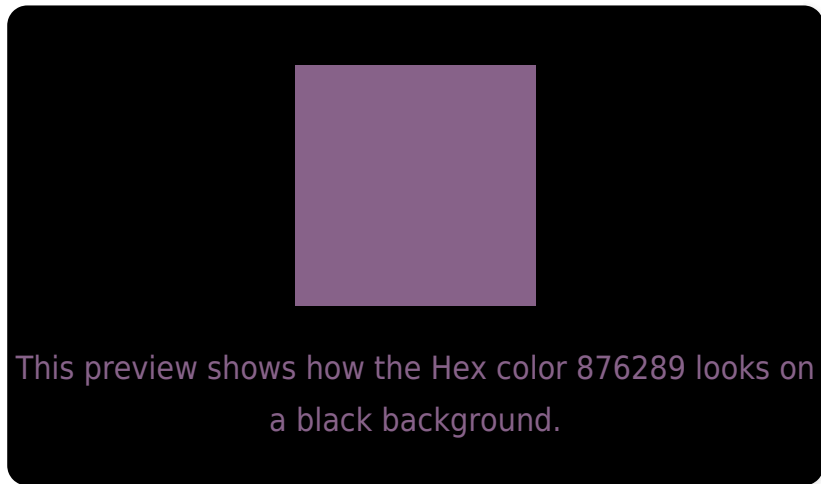
Large Text (above 18pt) WCAG AA ✓ Pass

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

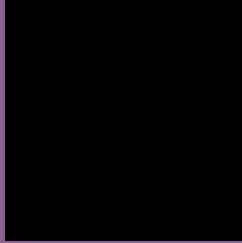
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 876289 Background



This preview shows how black text looks on a background with the Hex color 876289.




This preview shows how white text looks on a background with the Hex color 876289.

# 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**  
83676F

# Trichromacy



**Original Color**  
876289

**Protanomaly**  
71698E

**Deuteranomaly**  
766888

**Tritanomaly**  
846578

# Monochromacy



**Original Color**  
876289

**Achromatopsia**  
727272

**Achromatomaly**  
7A6C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876289 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 #876289 looks like.

```
.text, #text, p{  
    color:#876289  
}
```

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 #876289 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876289
}
```

## Border

The CSS property to change the border of an element to Hex 876289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

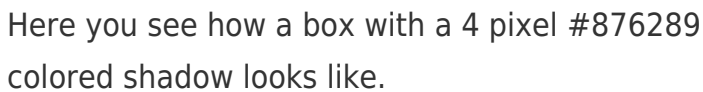
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876289 }
```

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

```
.border{ border-color:#876289 }
```

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



Here you see how a box with a 4 pixel #876289 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876289; -webkit-box-shadow:4px 4px  
4px 4px #876289; box-shadow:4px 4px 4px  
4px #876289 }
```

# Background

The CSS property to change the background color of an element to Hex 876289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876289 }
```

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

```
.background{ background-color:#876289 }
```

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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