

# Converting Colors

Hex(872988)

Have a look what the booklet for  
Hex(872988) contains.

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**Color**

**Hex(872988)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	872988
RGB	135, 41, 136
RGB Percent	53%, 16%, 53%
CMY	0.4706, 0.8392, 0.4667
CMYK	0.01, 0.70, 0.00, 0.47
HSL	299°, 54%, 35%
HSV	299°, 70%, 53%
XYZ	15.2285, 8.5143, 24.1334
YIQ	79.9360, 25.5290, 49.4730

# Conversions

## Conversions Part 2

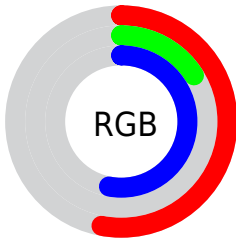
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 41, 136</a>
Decimal	<a href="#">8857992</a>
CIELab	<a href="#">35.03, 51.60, -33.05</a>
CIELCh	<a href="#">35, 61.279, 327.361</a>
Yxy	<a href="#">8.5143, 0.3181, 0.1778</a>
Android (android.graphics.Color)	<a href="#">4287048072 (0xFF872988)</a>
YUV	<a href="#">79.9360, 27.6396, 48.2911</a>
Hunter-Lab	<a href="#">29.1794, 42.0943, -28.6114</a>

# Details

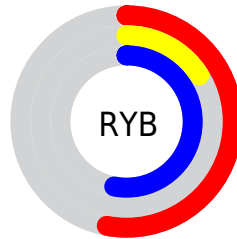
The Hex color **872988** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2A8829**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **BF5FBE**, and **520056** is the 20% darker color. If you saturate the color by 10%, you get **871B88**, and if you desaturate by 10%, it is **873788**.

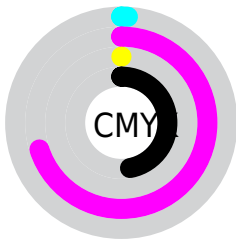
# Distribution



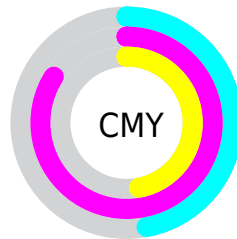
- Red (53%)
- Green (16%)
- Blue (53%)



- Red (53%)
- Yellow (16%)
- Blue (53%)



- Cyan (1%)
- Magenta (70%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (84%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 872988 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 872988 by changing the saturation by 10% instead.



 872988

 872988

FFFFFF

 6C056E

 BF5FBE

 520056

 DC7ADA

 38003E

 F995F6

 200027

 FFB1FF

 000110

 FFCDFE

 000000

 FFEAFF

 872988

 872988

 871B88

 873788

■ 870E88

■ 874488

■ 870088

■ 875288

■ 885F88

■ 886D88

■ 887B88

■ 888888

■ 889688

■ 88A388

# Harmonies

## Analogous

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



3F47AA



872988



A30159

# Triad

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



872988



694F00



00677E

# Complementary

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



872988



2A8829

# 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.



00664C



872988



395C00

# Square

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



872988



8D3900



006317



0064A5

# Rectangle

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



872988



A50839



006317



00676E



# Sweetspot

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



872988



B08BB0



292B88



594359



D9D9D9



595959



# Same Dimension

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



872988



AE1CB0



88295A



453E45



830085



050005



# Inverse Universe

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



88292A



B01C1E



298857



453E3E



850001



050000



# Previews

## White Background



This preview shows how the Hex color 872988 looks on a white background.

## Color Contrast Check

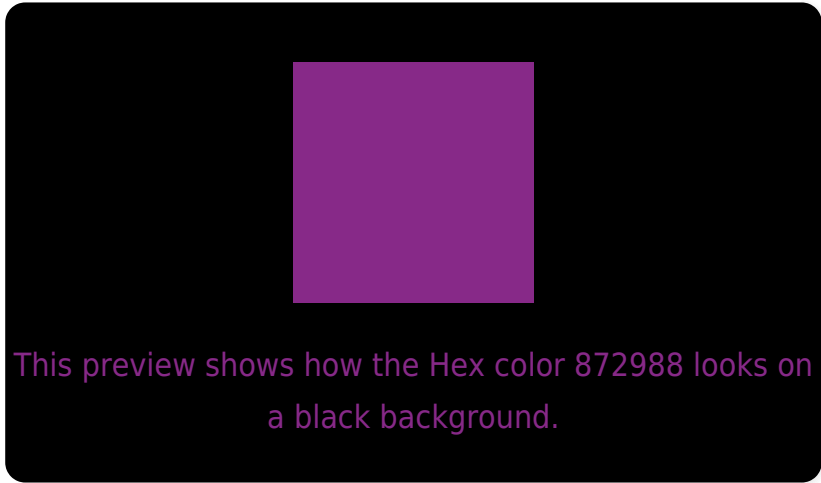
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

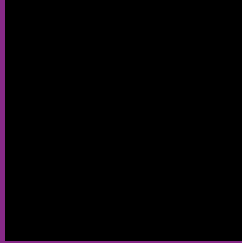
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 872988 Background



This preview shows how black text looks on a background with the Hex color 872988.

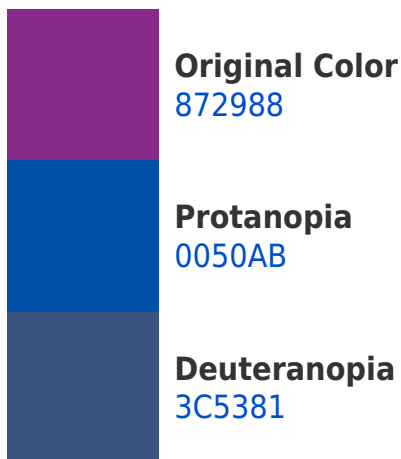


This preview shows how white text looks on a background with the Hex color 872988.

# 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](#).

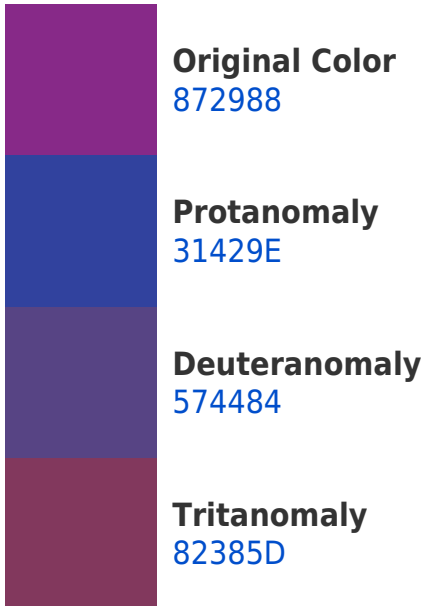
## Dichromacy



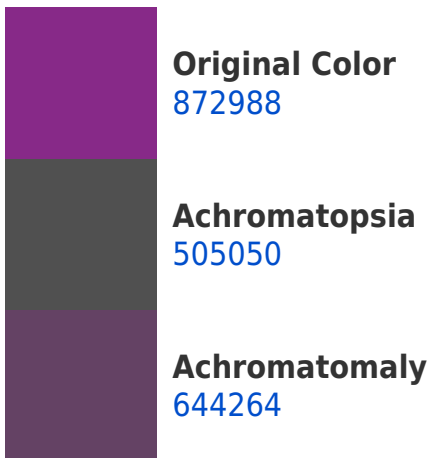


**Tritanopia**  
7F4044

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 872988 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 #872988 looks like.

```
.text, #text, p{  
    color:#872988  
}
```

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 #872988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872988
}
```

## Border

The CSS property to change the border of an element to Hex 872988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

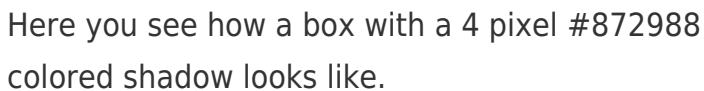
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872988 }
```

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

```
.border{ border-color:#872988 }
```

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



Here you see how a box with a 4 pixel #872988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872988; -webkit-box-shadow:4px 4px  
4px 4px #872988; box-shadow:4px 4px 4px  
4px #872988 }
```

# Background

The CSS property to change the background color of an element to Hex 872988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872988 }
```

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

```
.background{ background-color:#872988 }
```

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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