

# Converting Colors

Hex(872971)

Have a look what the booklet for  
Hex(872971) contains.

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# Color

**Hex(872971)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	872971
RGB	135, 41, 113
RGB Percent	53%, 16%, 44%
CMY	0.4706, 0.8392, 0.5569
CMYK	0.00, 0.70, 0.16, 0.47
HSL	314°, 53%, 35%
HSV	314°, 70%, 53%
XYZ	13.7652, 7.9290, 16.4277
YIQ	77.3140, 32.9120, 42.3200

# Conversions

## Conversions Part 2

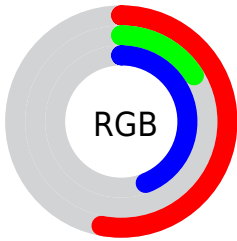
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 41, 113
Decimal	8857969
CIE Lab	33.83, 47.77, -20.55
CIE LCh	34, 52.002, 336.723
Yxy	7.9290, 0.3611, 0.2080
Android (android.graphics.Color)	4287048049 (0xFF872971)
YUV	77.3140, 17.5932, 50.5906
Hunter-Lab	28.1585, 37.9820, -14.8789

# Details

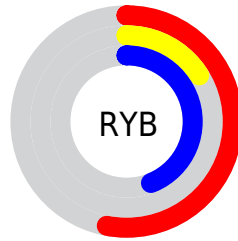
The Hex color **872971** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **29873F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **BF5EA5**, and **520041** is the 20% darker color. If you saturate the color by 10%, you get **871C6E**, and if you desaturate by 10%, it is **873774**.

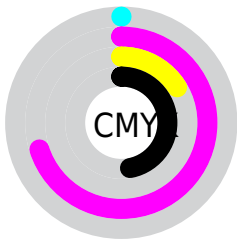
# Distribution



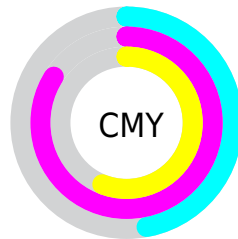
- Red (53%)
- Green (16%)
- Blue (44%)



- Red (53%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (70%)
- Yellow (16%)
- Black (47%)



- Cyan (47%)
- Magenta (84%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 872971 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 872971 by changing the saturation by 10% instead.



872971

872971

FFFFFF

6C0758

BF5EA5

520041

DC79C0

39002B

F994DC

1E0015

FFAFF9

000000

FFCCFF

FFE8FF

872971

872971

871C6E

873774

■ 870E6B

■ 874477

■ 870068

■ 87527A

■ 870067

■ 875F7E

■ 876D81

■ 877A84

■ 878887

■ 87958A

■ 87A38D

# Harmonies

## Analogous

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



5B4092



872971



971D48

# Triad

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



872971



595100



006180

# Complementary

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



872971



29873F

# 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.



006258



872971



2C5B00

# Square

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



872971



7A4100



00602D



005C9C

# Rectangle

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



872971



95252D



00602D



006274



# Sweetspot

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



872971



B08BA7



3F2987



594354



D9D9D9



595959



# Same Dimension

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



872971



B01C8D



872942



423C41



820064



030002



# Inverse Universe

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



872971



B01C8D



29876E



423C41



820064



030002



# Previews

## White Background



This preview shows how the Hex color 872971 looks on a white background.

## Color Contrast Check

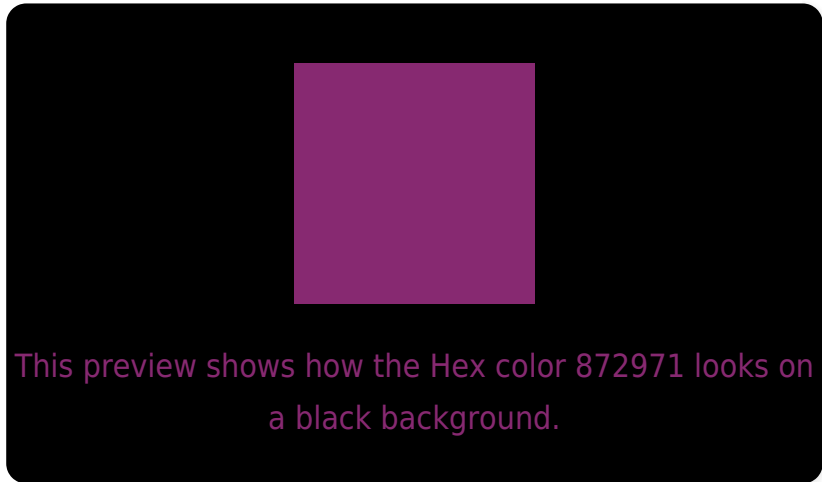
Large Text (above 18pt) WCAG AA ✓ Pass

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

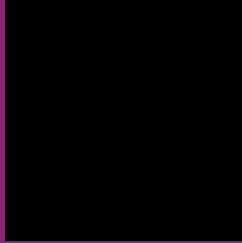
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 872971 Background



This preview shows how black text looks on a background with the Hex color 872971.




This preview shows how white text looks on a background with the Hex color 872971.

# 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**  
82393D

# Trichromacy



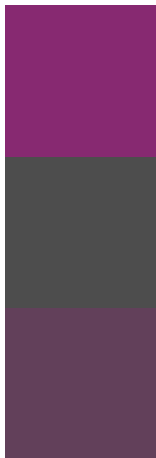
**Original Color**  
872971

**Protanomaly**  
514185

**Deuteranomaly**  
60416D

**Tritanomaly**  
843350

# Monochromacy



**Original Color**  
872971

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
62405A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 872971 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 #872971 looks like.

```
.text, #text, p{  
    color:#872971  
}
```

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 #872971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872971
}
```

## Border

The CSS property to change the border of an element to Hex 872971 is called "border". The border property can be set on classes, ids or directly on the HTML element.

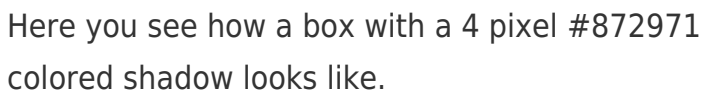
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872971 }
```

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

```
.border{ border-color:#872971 }
```

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



Here you see how a box with a 4 pixel #872971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872971; -webkit-box-shadow:4px 4px  
4px 4px #872971; box-shadow:4px 4px 4px  
4px #872971 }
```

# Background

The CSS property to change the background color of an element to Hex 872971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872971 }
```

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

```
.background{ background-color:#872971 }
```

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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