

Converting Colors

Hex(872E8C)

Have a look what the booklet for
Hex(872E8C) contains.

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Color

Hex(872E8C)

Conversions

Conversions Part 1

Format	Color
Hex	872E8C
RGB	135, 46, 140
RGB Percent	53%, 18%, 55%
CMY	0.4706, 0.8196, 0.4510
CMYK	0.04, 0.67, 0.00, 0.45
HSL	297°, 51%, 36%
HSV	297°, 67%, 55%
XYZ	15.7023, 8.9983, 25.7202
YIQ	83.3270, 22.8700, 48.1020

Conversions

Conversions Part 2

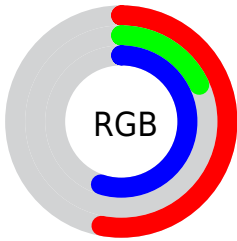
Format	Color
RYB	135, 46, 140
Decimal	8859276
CIELab	35.98, 50.30, -34.01
CIElCh	36, 60.717, 325.934
Yxy	8.9983, 0.3114, 0.1785
Android (android.graphics.Color)	4287049356 (0xFF872E8C)
YUV	83.3270, 27.9398, 45.3172
Hunter-Lab	29.9972, 40.9421, -29.8383

Details

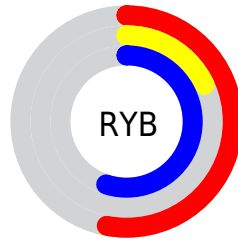
The Hex color **872E8C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **338C2E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BF63C2**, and **520059** is the 20% darker color. If you saturate the color by 10%, you get **86208C**, and if you desaturate by 10%, it is **883C8C**.

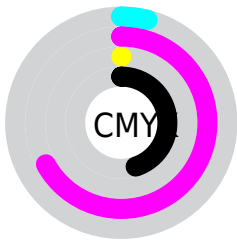
Distribution



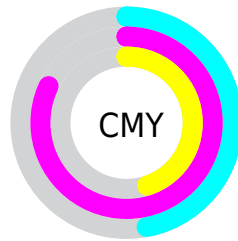
- Red (53%)
- Green (18%)
- Blue (55%)



- Red (53%)
- Yellow (18%)
- Blue (55%)



- Cyan (4%)
- Magenta (67%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 872E8C 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 872E8C by changing the saturation by 10% instead.

 872E8C

 872E8C

FFFFFF

 6C0F72

 BF63C2

 520059

 DC7EDE

 380041

 F999FB

 21002B

 FFB5FF

 000115

 FFD1FF

 000000

 FFEEFF

 872E8C

 872E8C

 86208C

 883C8C

 86128C

 884A8C

 85048C

 89588C

 85008C

 8A668C

 8B748C

 8B828C

 8C908C

 8D9E8C

 8EAC8C

Harmonies

Analogous

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



3D4BAD



872E8C



A40C5D

Triad

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



872E8C



6E5000



00697E

Complementary

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



872E8C



338C2E

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.



00694C



872E8C



3E5E00

Square

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



872E8C



913A00



006517



0066A5

Rectangle

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



872E8C



A8103D



006517



00696E

Sweetspot

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



872E8C



B391B5



2E348C



5B465C



DBDBDB



5C5C5C

Same Dimension

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



872E8C



AD22B5



8C2E63



443E45



7E0085



050005

Inverse Universe

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



8C2E33



B5222A



2E8C57



453E3E



850007



050000

Previews

White Background



This preview shows how the Hex color 872E8C looks on a white background.

Color Contrast Check

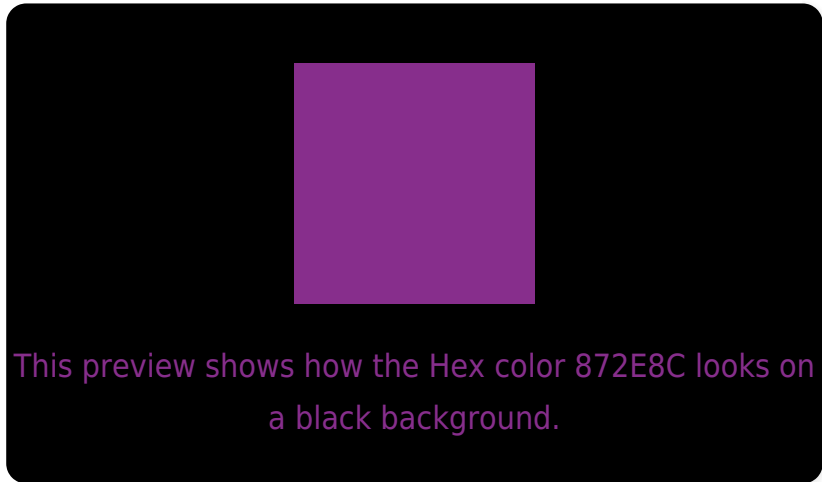
Large Text (above 18pt) WCAG AA ✓ Pass

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

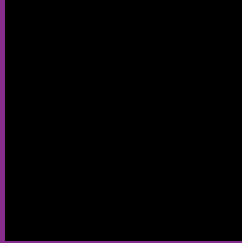
Any Text WCAG AA × Fail

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 872E8C Background



This preview shows how black text looks on a background with the Hex color 872E8C.

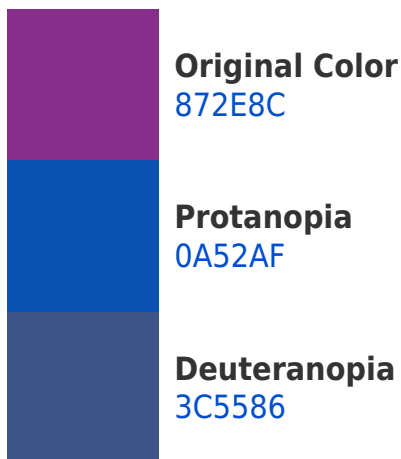



This preview shows how white text looks on a background with the Hex color 872E8C.

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
7F4348

Trichromacy



Original Color
872E8C



Protanomaly
3745A2



Deuteranomaly
574788



Tritanomaly
823B61

Monochromacy



Original Color
872E8C



Achromatopsia
535353



Achromatomaly
664668

CSS Examples

Text

The CSS property to change the color of the text to Hex 872E8C 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 #872E8C looks like.

```
.text, #text, p{  
    color:#872E8C  
}
```

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 #872E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872E8C }
}
```

Border

The CSS property to change the border of an element to Hex 872E8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

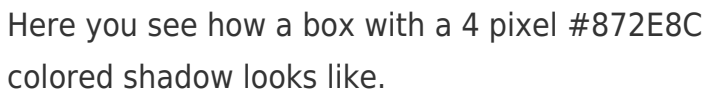
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #872E8C }
}
```

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

```
.border{ border-color:#872E8C }
```

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



Here you see how a box with a 4 pixel #872E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872E8C; -webkit-box-shadow:4px 4px  
4px 4px #872E8C; box-shadow:4px 4px 4px  
4px #872E8C }
```

Background

The CSS property to change the background color of an element to Hex 872E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872E8C }
```

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

```
.background{ background-color:#872E8C }
```

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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