

Converting Colors

Hex(872ADE)

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

Hex(872ADE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(872ADE)

Conversions

Conversions Part 1

Format	Color
Hex	872ADE
RGB	135, 42, 222
RGB Percent	53%, 16%, 87%
CMY	0.4706, 0.8353, 0.1294
CMYK	0.39, 0.81, 0.00, 0.13
HSL	271°, 73%, 52%
HSV	271°, 81%, 87%
XYZ	24.0045, 12.0808, 70.1739
YIQ	90.3270, -2.3520, 75.6960

Conversions

Conversions Part 2

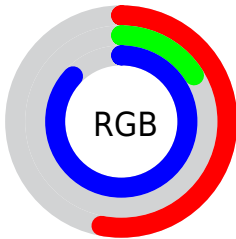
Format	Color
RYB	135, 42, 222
Decimal	8858334
CIELab	41.34, 68.88, -73.89
CIElCh	41, 101.011, 312.989
Yxy	12.0808, 0.2259, 0.1137
Android (android.graphics.Color)	4287048414 (0xFF872ADE)
YUV	90.3270, 64.9148, 39.1782
Hunter-Lab	34.7574, 62.4519, -95.3742

Details

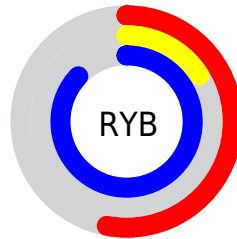
The Hex color **872ADE** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **81DE2A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C364FF**, and **4A00A5** is the 20% darker color. If you saturate the color by 10%, you get **7C14DE**, and if you desaturate by 10%, it is **9240DE**.

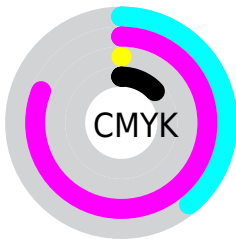
Distribution



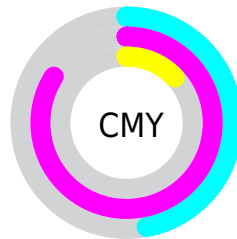
- Red (53%)
- Green (16%)
- Blue (87%)



- Red (53%)
- Yellow (16%)
- Blue (87%)



- Cyan (39%)
- Magenta (81%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (84%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 872ADE

 872ADE

FFFFFF

 6900C1

 C364FF

 4A00A5

 E17FFF

 27008A

 FF9BFF

 000070

 FFB8FF

 000056

 FFD5FF

 00063E

 FFF2FF

 000327

 000110

 000000

 872ADE

 872ADE

 7C14DE

 9240DE

 7300DE

 9C56DE

 A76DDE

 B283DE

 BD99DE

 C7AFDE

 D2C5DE

 DDDCDE

 E8F2DE

Harmonies

Analogous

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



0063FF



872ADE



D60094

Triad

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



872ADE



9D4B00



007F85

Complementary

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



872ADE



81DE2A

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.



007D2C



872ADE



566A00

Square

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



872ADE



D00000



007700



0080D4

Rectangle

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



872ADE



E7005E



007700



007E68

Sweetspot

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



872ADE



E1C2FF



2A81DE



6E5B80



000000



808080

Same Dimension

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



872ADE



8708FF



DE2ADB



6B6570



5B00B0



190030

Inverse Universe

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



DE2A81



FF087F



2ADE2D



70656A



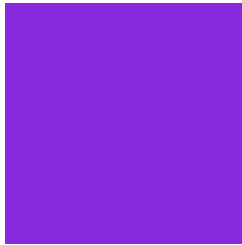
B00055



300017

Previews

White Background



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

Color Contrast Check

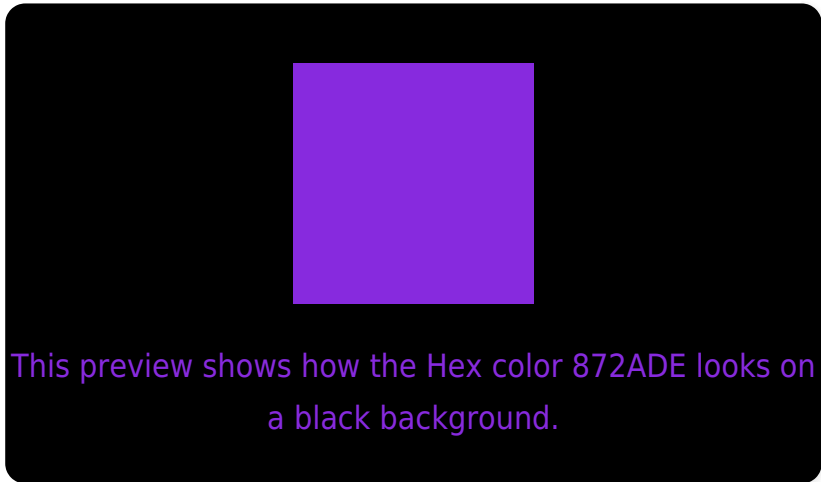
Large Text (above 18pt) WCAG AA ✓ Pass

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

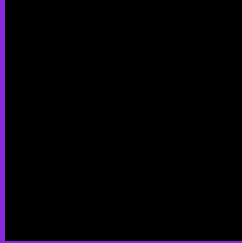
Any Text WCAG AA × Fail

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 872ADE Background



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

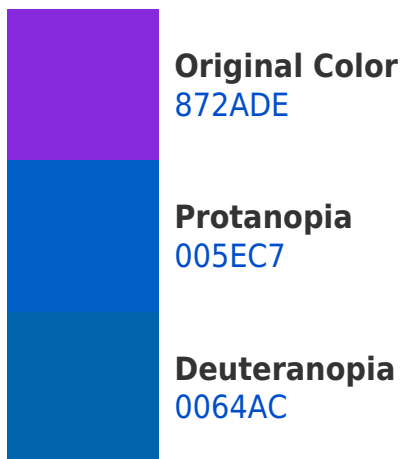



This preview shows how white text looks on a background with the Hex color 872ADE.

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](#).

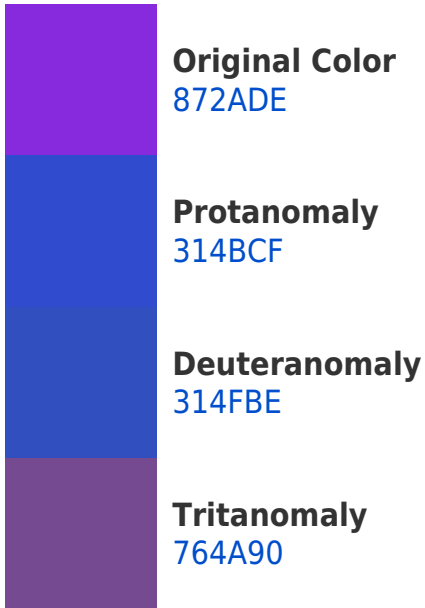
Dichromacy





Tritanopia
6D5D64

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #872ADE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 872ADE 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".

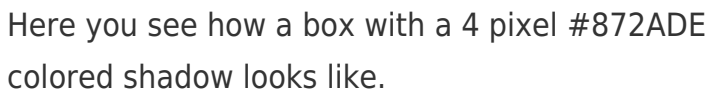
```
.border, #border, table{ border:4px solid
#872ADE }
```

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

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

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

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



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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor