

Converting Colors

Hex(872083)

Have a look what the booklet for
Hex(872083) contains.

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Color

Hex(872083)

Conversions

Conversions Part 1

Format	Color
Hex	872083
RGB	135, 32, 131
RGB Percent	53%, 13%, 51%
CMY	0.4706, 0.8745, 0.4863
CMYK	0.00, 0.76, 0.03, 0.47
HSL	302°, 62%, 33%
HSV	302°, 76%, 53%
XYZ	14.6049, 7.8226, 22.2129
YIQ	74.0830, 29.6090, 52.6250

Conversions

Conversions Part 2

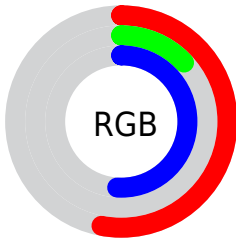
Format	Color
R_{YB}	135, 32, 131
Decimal	8855683
CIE Lab	33.61, 53.97, -32.20
CIE LCh	34, 62.845, 329.177
Yxy	7.8226, 0.3272, 0.1752
Android (android.graphics.Color)	4287045763 (0xFF872083)
YUV	74.0830, 28.0601, 53.4242
Hunter-Lab	27.9689, 44.2641, -27.5098

Details

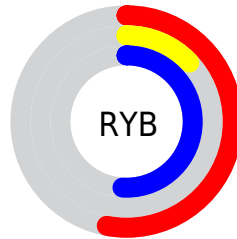
The Hex color **872083** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **208724**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **BF58B8**, and **510051** is the 20% darker color. If you saturate the color by 10%, you get **871382**, and if you desaturate by 10%, it is **872E84**.

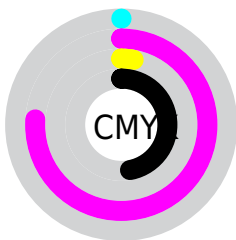
Distribution



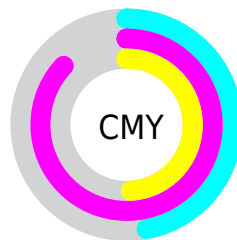
- Red (53%)
- Green (13%)
- Blue (51%)



- Red (53%)
- Yellow (13%)
- Blue (51%)



- Cyan (0%)
- Magenta (76%)
- Yellow (3%)
- Black (47%)



- Cyan (47%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 872083 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 872083 by changing the saturation by 10% instead.

 872083

 872083

FFFFFF

 6C006A

 BF58B8

 510051

 DC73D4

 38003A

 FA8FF1

 1E0023

 FFAAFF

 00000A

 FFC7FF

 000000

 FFE4FF

 872083

 872083

 871382

 872E84

 870582

 873B84

 870082

 874985

 875685

 876486

 877186

 877F87

 878C87

 879A88

Harmonies

Analogous

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



4042A7



872083



A10053

Triad

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



872083



634D00



00637F

Complementary

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



872083



208724

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.



00634C



872083



315A00

Square

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



872083



883600



006015



0060A5

Rectangle

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



872083



A20032



006015



00646F

Sweetspot

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



872083



B087AE



232087



594058



D9D9D9



595959

Same Dimension

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



872083



B00EAA



872050



423C42



82007D



030002

Inverse Universe

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



872083



B00EAA



208757



423C42



82007D



030002

Previews

White Background



This preview shows how the Hex color 872083 looks on a white background.

Color Contrast Check

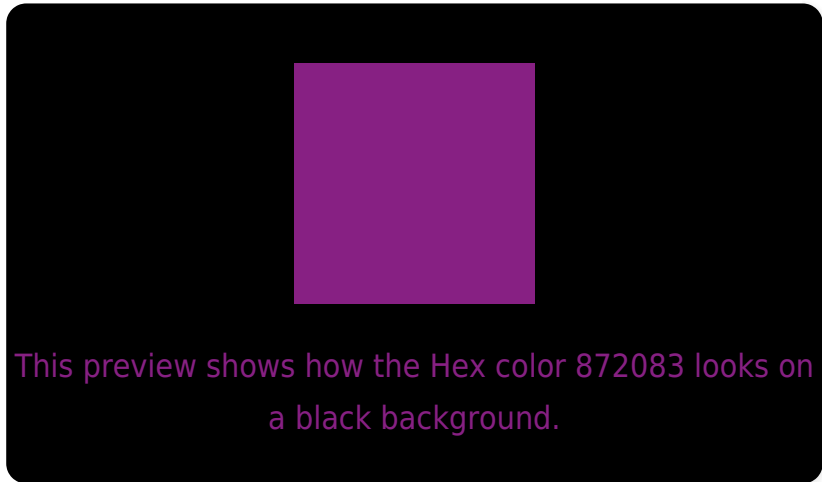
Large Text (above 18pt) WCAG AA ✓ Pass

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

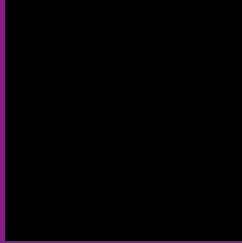
Any Text WCAG AA × Fail

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 872083 Background



This preview shows how black text looks on a background with the Hex color 872083.

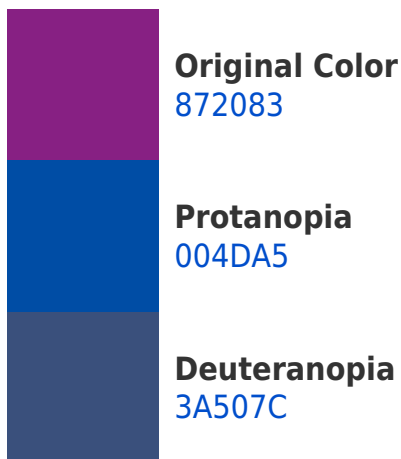


This preview shows how white text looks on a background with the Hex color 872083.

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
803A3E

Trichromacy



Original Color
872083



Protanomaly
313D99



Deuteranomaly
563F7F



Tritanomaly
833157

Monochromacy



Original Color
872083



Achromatopsia
4A4A4A



Achromatomaly
603B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 872083 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 #872083 looks like.

```
.text, #text, p{  
    color:#872083  
}
```

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 #872083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872083
}
```

Border

The CSS property to change the border of an element to Hex 872083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

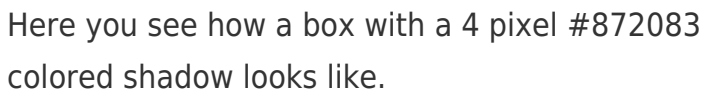
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872083 }
```

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

```
.border{ border-color:#872083 }
```

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



Here you see how a box with a 4 pixel #872083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872083; -webkit-box-shadow:4px 4px  
4px 4px #872083; box-shadow:4px 4px 4px  
4px #872083 }
```

Background

The CSS property to change the background color of an element to Hex 872083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872083 }
```

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

```
.background{ background-color:#872083 }
```

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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