

# Converting Colors

Hex(872FE3)

Have a look what the booklet for  
Hex(872FE3) contains.

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# Color

**Hex(872FE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	872FE3
RGB	135, 47, 227
RGB Percent	53%, 18%, 89%
CMY	0.4706, 0.8157, 0.1098
CMYK	0.41, 0.79, 0.00, 0.11
HSL	269°, 76%, 54%
HSV	269°, 79%, 89%
XYZ	24.8733, 12.7300, 73.8192
YIQ	93.8320, -5.3320, 74.6360

# Conversions

## Conversions Part 2

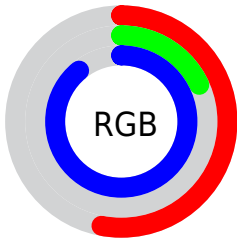
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 47, 227
Decimal	8859619
CIE Lab	42.35, 68.29, -75.09
CIE LCh	42, 101.500, 312.287
Yxy	12.7300, 0.2232, 0.1142
Android (android.graphics.Color)	4287049699 (0xFF872FE3)
YUV	93.8320, 65.6518, 36.1043
Hunter-Lab	35.6791, 62.0010, -97.6942

# Details

The Hex color **872FE3** is a dark color, and the websafe version is hex **6600CC**. The color can be described as middle washed purple. A complement of this color would be **8BE32F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **C368FF**, and **4900AA** is the 20% darker color. If you saturate the color by 10%, you get **7B18E3**, and if you desaturate by 10%, it is **9346E3**.

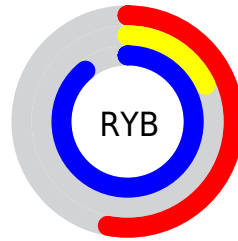
# Distribution



Red (53%)

Green (18%)

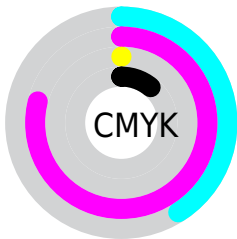
Blue (89%)



Red (53%)

Yellow (18%)

Blue (89%)

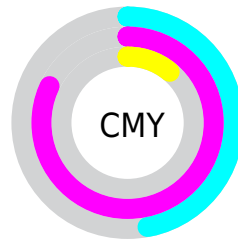


Cyan (41%)

Magenta (79%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (82%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 872FE3 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 872FE3 by changing the saturation by 10% instead.



 872FE3

 872FE3

FFFFFF

 6907C6

 C368FF

 4900AA

 E183FF

 25008F

 FF9FFF

 000074

 FFBCFF

 00005B

 FFD8FF

 000742

 FFF6FF

 00032B

 000115

 000000

■ 872FE3

■ 872FE3

■ 7B18E3

■ 9346E3

■ 7002E3

■ 9E5CE3

■ 6F00E3

■ AA73E3

■ B58AE3

■ C1A1E3

■ CDB7E3

■ D8CEE3

■ E4E5E3

■ EFFBE3

# Harmonies

## Analogous

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



0066FF



872FE3



D90099

# Triad

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



872FE3



A24C00



008286

# Complementary

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



872FE3



8BE32F

# 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.



007F2B



872FE3



5B6C00

# Square

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



872FE3



D40000



007A00



0083D6

# Rectangle

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



872FE3



EA0062



007A00



008169



# Sweetspot

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



872FE3



E0C2FF



2F8CE3



6D5B80



000000



808080



# Same Dimension

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



872FE3



830DFF



E02FE3



6D6773



5700B3



190033



# Inverse Universe

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



E32F8B



FF0D89



32E32F



73676D



B3005B

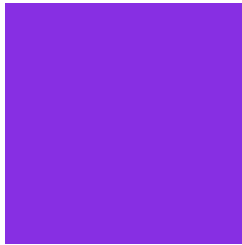


33001A



# Previews

## White Background



This preview shows how the Hex color 872FE3 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

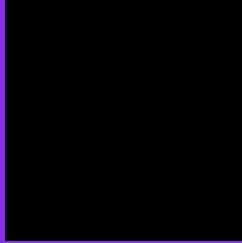
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 872FE3 Background



This preview shows how black text looks on a background with the Hex color 872FE3.

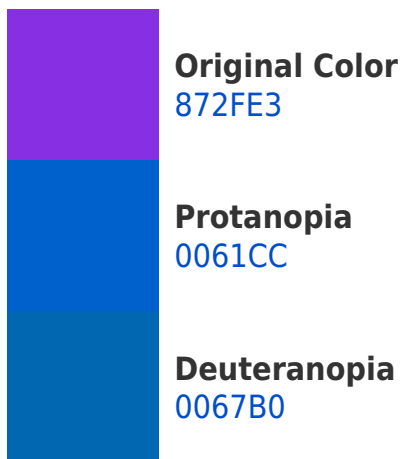


This preview shows how white text looks on a background with the Hex color 872FE3.

# 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](#).

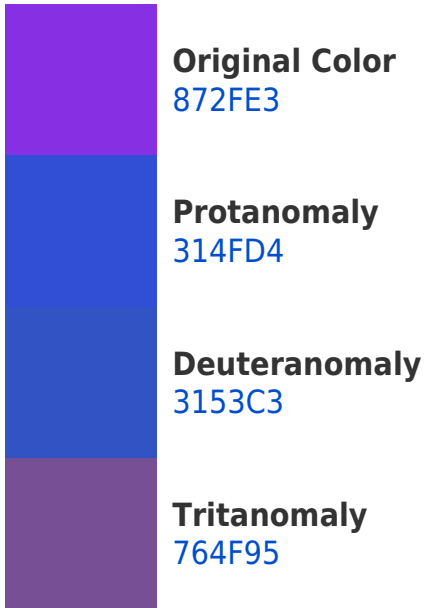
## Dichromacy





**Tritanopia**  
6C6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 872FE3 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 #872FE3 looks like.

```
.text, #text, p{  
    color:#872FE3  
}
```

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 #872FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872FE3  
}
```

## Border

The CSS property to change the border of an element to Hex 872FE3 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".

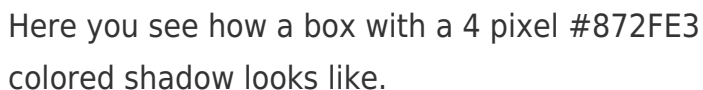
```
.border, #border, table{ border:4px solid  
#872FE3 }
```

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

```
.border{ border-color:#872FE3 }
```

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

Here you see how a box with a 4 pixel #872FE3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872FE3; -webkit-box-shadow:4px 4px  
4px 4px #872FE3; box-shadow:4px 4px 4px  
4px #872FE3 }
```

# Background

The CSS property to change the background color of an element to Hex 872FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872FE3 }
```

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

```
.background{ background-color:#872FE3 }
```

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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