

Converting Colors

Hex(871ED6)

Have a look what the booklet for
Hex(871ED6) contains.

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Color

Hex(871ED6)

Conversions

Conversions Part 1

Format	Color
Hex	871ED6
RGB	135, 30, 214
RGB Percent	53%, 12%, 84%
CMY	0.4706, 0.8824, 0.1608
CMYK	0.37, 0.86, 0.00, 0.16
HSL	274°, 75%, 48%
HSV	274°, 86%, 84%
XYZ	22.5935, 10.9345, 64.5381
YIQ	82.3710, 3.5160, 79.4840

Conversions

Conversions Part 2

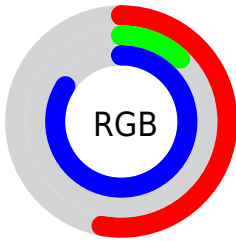
Format	Color
R_{YB}	135, 30, 214
Decimal	8855254
CIE _{Lab}	39.47, 70.64, -72.36
CIE _{LCh}	39, 101.125, 314.308
Yxy	10.9345, 0.2304, 0.1115
Android (android.graphics.Color)	4287045334 (0xFF871ED6)
YUV	82.3710, 64.8931, 46.1556
Hunter-Lab	33.0673, 64.0939, -92.5702

Details

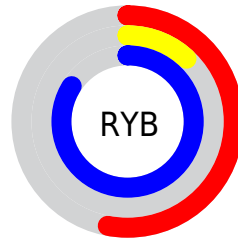
The Hex color **871ED6** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **6DD61E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **C35CFF**, and **4B009E** is the 20% darker color. If you saturate the color by 10%, you get **7E09D6**, and if you desaturate by 10%, it is **9033D6**.

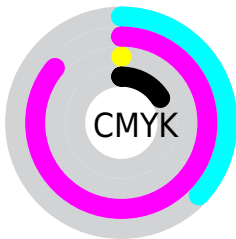
Distribution



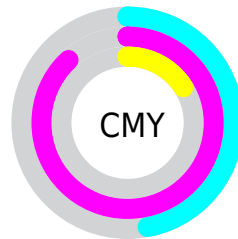
- Red (53%)
- Green (12%)
- Blue (84%)



- Red (53%)
- Yellow (12%)
- Blue (84%)



- Cyan (37%)
- Magenta (86%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (88%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 871ED6 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 871ED6 by changing the saturation by 10% instead.

 871ED6

 871ED6

FFFFFF

 6900BA

 C35CFF

 4B009E

 E178FF

 290083

 FF94FF

 000069

 FFB0FF

 00004F

 FFCDFE

 000537

 FFEAFF

 000221

 000006

 000000

■ 871ED6

■ 871ED6

■ 7E09D6

■ 9033D6

■ 7A00D6

■ 9949D6

■ A35ED6

■ AC74D6

■ B589D6

■ BE9ED6

■ C7B4D6

■ D1C9D6

■ DADFD6

Harmonies

Analogous

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



005DFF



871ED6



D2008C

Triad

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



871ED6



944900



007A84

Complementary

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



871ED6



6DD61E

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.



00772C



871ED6



4D6600

Square

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



871ED6



C80000



007300



007BD1

Rectangle

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



871ED6



E10056



007300



007968

Sweetspot

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



871ED6



E3BDFE



1E6ED6



6F5880



000000



808080

Same Dimension

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



871ED6



9200FF



D61ECA



67606B



6100AB



19002B

Inverse Universe

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



D61E6D



FF066D



1ED62A



6B6065



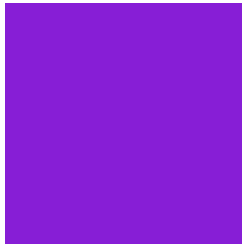
AB0049



2B0013

Previews

White Background



This preview shows how the Hex color 871ED6 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

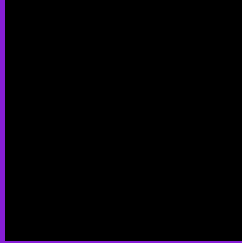
Any Text WCAG AA × Fail

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 871ED6 Background



This preview shows how black text looks on a background with the Hex color 871ED6.

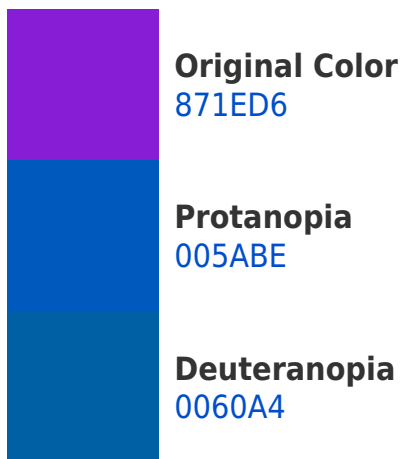


This preview shows how white text looks on a background with the Hex color 871ED6.

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
6F575E

Trichromacy



Original Color
871ED6



Protanomaly
3144C7



Deuteranomaly
3148B6



Tritanomaly
78428A

Monochromacy



Original Color
871ED6



Achromatopsia
525252



Achromatomaly
653F82

CSS Examples

Text

The CSS property to change the color of the text to Hex 871ED6 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 #871ED6 looks like.

```
.text, #text, p{  
    color:#871ED6  
}
```

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 #871ED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #871ED6
}
```

Border

The CSS property to change the border of an element to Hex 871ED6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

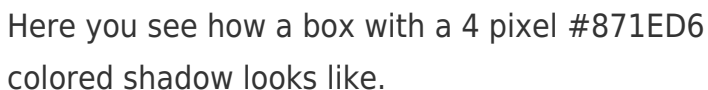
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#871ED6 }
```

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

```
.border{ border-color:#871ED6 }
```

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



Here you see how a box with a 4 pixel `#871ED6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #871ED6; -webkit-box-shadow:4px 4px  
4px 4px #871ED6; box-shadow:4px 4px 4px  
4px #871ED6 }
```

Background

The CSS property to change the background color of an element to Hex 871ED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#871ED6 }
```

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

```
.background{ background-color:#871ED6 }
```

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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