

Converting Colors

Hex(875CC3)

Have a look what the booklet for
Hex(875CC3) contains.

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Color

Hex(875CC3)

Conversions

Conversions Part 1

Format	Color
Hex	875CC3
RGB	135, 92, 195
RGB Percent	53%, 36%, 76%
CMY	0.4706, 0.6392, 0.2353
CMYK	0.31, 0.53, 0.00, 0.24
HSL	265°, 46%, 56%
HSV	265°, 53%, 76%
XYZ	23.6691, 16.7453, 53.6144
YIQ	116.5990, -7.4350, 41.1490

Conversions

Conversions Part 2

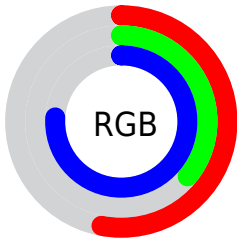
Format	Color
R_{YB}	135, 92, 195
Decimal	8871107
CIE _{Lab}	47.94, 38.98, -47.70
CIE _{LCh}	48, 61.596, 309.257
Yxy	16.7453, 0.2517, 0.1781
Android (android.graphics.Color)	4287061187 (0xFF875CC3)
YUV	116.5990, 38.6517, 16.1377
Hunter-Lab	40.9210, 31.6344, -49.0366

Details

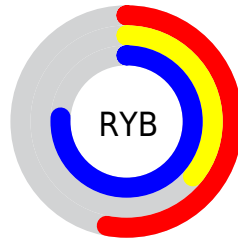
The Hex color **875CC3** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **98C35C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **BF8FFC**, and **512C8D** is the 20% darker color. If you saturate the color by 10%, you get **7C49C3**, and if you desaturate by 10%, it is **926FC3**.

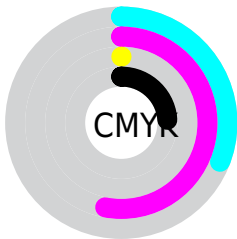
Distribution



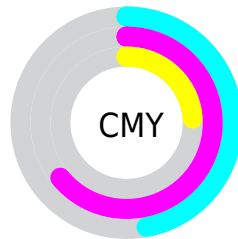
- Red (53%)
- Green (36%)
- Blue (76%)



- Red (53%)
- Yellow (36%)
- Blue (76%)



- Cyan (31%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (47%)
- Magenta (64%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 875CC3 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 875CC3 by changing the saturation by 10% instead.

■ 875CC3

■ 875CC3

FFFFFF

■ 6C43A7

■ BF8FFC

■ 512C8D

■ DCAAFF

■ 361473

■ F9C6FF

■ 190059

■ FFE2FF

■ 000041

■ 00032A

■ 000114

■ 000000

■ 875CC3

■ 875CC3

7C49C3

926FC3

7035C3

9E83C3

6522C3

A996C3

5A0EC3

B4AAC3

5100C3

C0BDC3

CBD1C3

D7E4C3

E2F8C3

EDFFC3

Harmonies

Analogous

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



0073D9



875CC3



BB4298

Triad

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



875CC3



A66200



008981

Complementary

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



875CC3



98C35C

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.



00874B



875CC3



7B7500

Square

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



875CC3



C44932



418113



0088B3

Rectangle

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



875CC3



CB3875



418113



00896F

Sweetspot

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



875CC3



E5D4FC



5C98C3



716780



000000



808080

Same Dimension

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



875CC3



A05DFC



BA5CC3



5B5761



4300A1



0E0021

Inverse Universe

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



C35C98



FC5DBA



65C35C



61575D



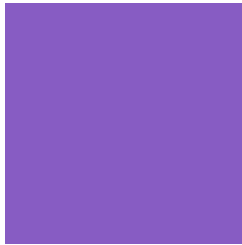
A1005E



210013

Previews

White Background



This preview shows how the Hex color 875CC3 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

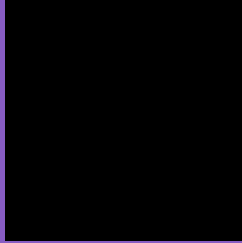
Any Text WCAG AA × Fail

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 875CC3 Background



This preview shows how black text looks on a background with the Hex color 875CC3.

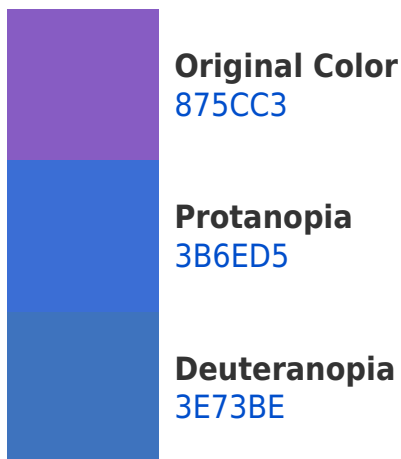


This preview shows how white text looks on a background with the Hex color 875CC3.

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](#).

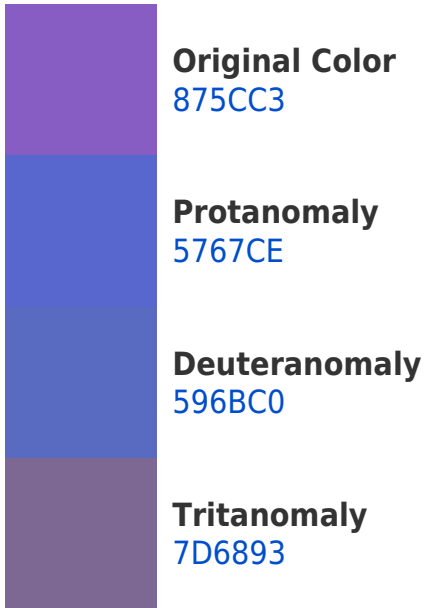
Dichromacy



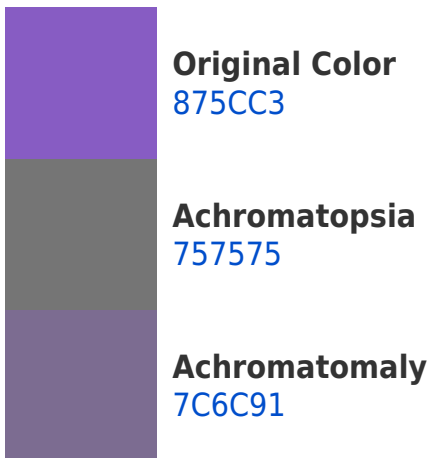


Tritanopia
786F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 875CC3 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 #875CC3 looks like.

```
.text, #text, p{  
    color:#875CC3  
}
```

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 #875CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875CC3
}
```

Border

The CSS property to change the border of an element to Hex 875CC3 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
#875CC3 }
```

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

```
.border{ border-color:#875CC3 }
```

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

Here you see how a box with a 4 pixel #875CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875CC3; -webkit-box-shadow:4px 4px  
4px 4px #875CC3; box-shadow:4px 4px 4px  
4px #875CC3 }
```

Background

The CSS property to change the background color of an element to Hex 875CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875CC3 }
```

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

```
.background{ background-color:#875CC3 }
```

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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