

Converting Colors

Hex(835CA3)

Have a look what the booklet for
Hex(835CA3) contains.

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Color

Hex(835CA3)

Conversions

Conversions Part 1

Format	Color
Hex	835CA3
RGB	131, 92, 163
RGB Percent	51%, 36%, 64%
CMY	0.4863, 0.6392, 0.3608
CMYK	0.20, 0.44, 0.00, 0.36
HSL	273°, 28%, 50%
HSV	273°, 44%, 64%
XYZ	19.7981, 15.1239, 36.5261
YIQ	111.7550, 0.4530, 30.3490

Conversions

Conversions Part 2

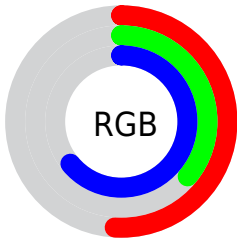
Format	Color
R_{YB}	131, 92, 163
Decimal	8608931
CIE _{Lab}	45.80, 30.00, -32.41
CIE _{LCh}	46, 44.160, 312.786
Yxy	15.1239, 0.2771, 0.2117
Android (android.graphics.Color)	4286799011 (0xFF835CA3)
YUV	111.7550, 25.2638, 16.8779
Hunter-Lab	38.8895, 22.8151, -28.4641

Details

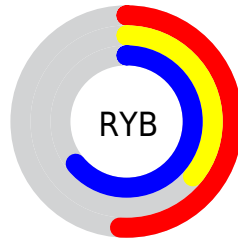
The Hex color **835CA3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7CA35C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B98FDA**, and **502D6F** is the 20% darker color. If you saturate the color by 10%, you get **7C4CA3**, and if you desaturate by 10%, it is **8A6CA3**.

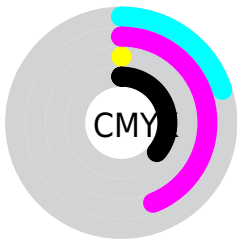
Distribution



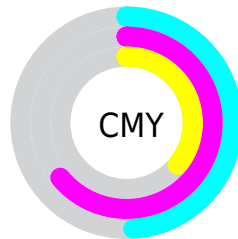
- Red (51%)
- Green (36%)
- Blue (64%)



- Red (51%)
- Yellow (36%)
- Blue (64%)



- Cyan (20%)
- Magenta (44%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835CA3 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 835CA3 by changing the saturation by 10% instead.

835CA3

835CA3

FFFFFF

694489

B98FDA

502D6F

D5AAF7

371656

F2C5FF

1F003E

FFE1FF

000028

FFFEFF

000112

000000

835CA3

835CA3

7C4CA3

8A6CA3

743BA3

927DA3

6D2BA3

998DA3

661BA3

A09DA3

5E0AA3

A8AEA3

5A00A3

AFBEA3

B6CEA3

BEDEA3

C5EFA3

Harmonies

Analogous

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



456BB5



835CA3



A54E83

Triad

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



835CA3



926323



007F7C

Complementary

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



835CA3



7CA35C

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.



007D55



835CA3



71701E

Square

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



835CA3



A9543C



487833



007D9E

Rectangle

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



835CA3



AF4B6B



487833



007E6F

Sweetspot

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



835CA3



C7B8D4



5C7DA3



635A6B



EBEBEB



6B6B6B

Same Dimension

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



835CA3



A266D4



A35CA1



4E4952



500091



0A0012

Inverse Universe

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



A35C7C



D46697



5CA35E



52494D



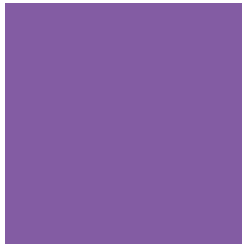
910042



120008

Previews

White Background



This preview shows how the Hex color 835CA3 looks on a white background.

Color Contrast Check

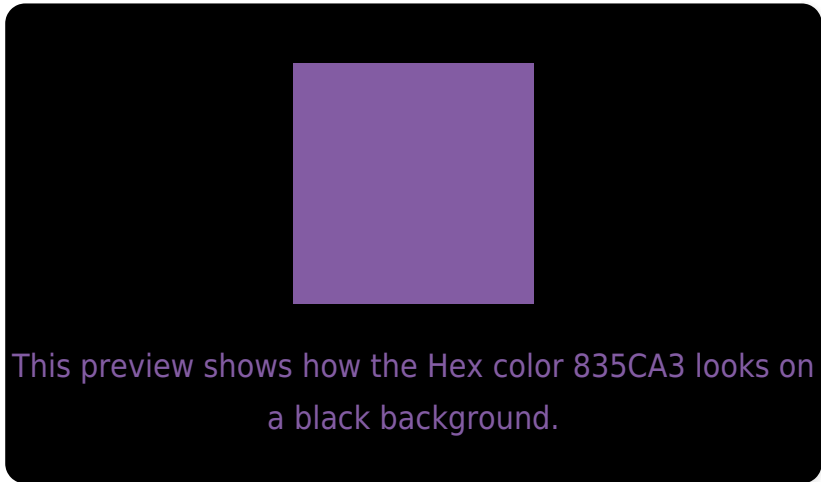
Large Text (above 18pt) WCAG AA ✓ Pass

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

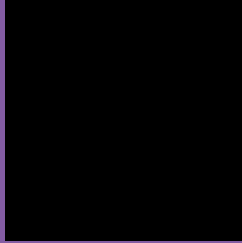
Any Text WCAG AA × Fail

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 835CA3 Background



This preview shows how black text looks on a background with the Hex color 835CA3.

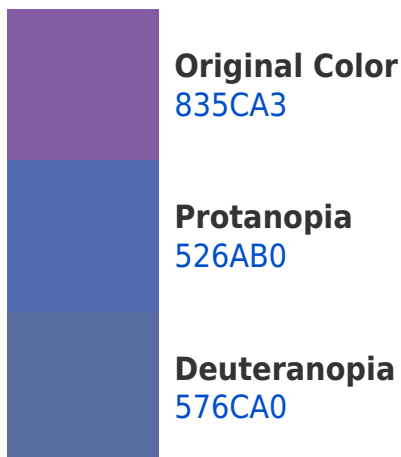


This preview shows how white text looks on a background with the Hex color 835CA3.

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](#).

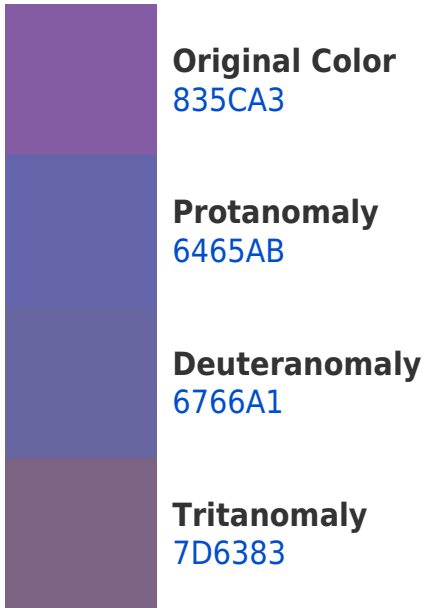
Dichromacy



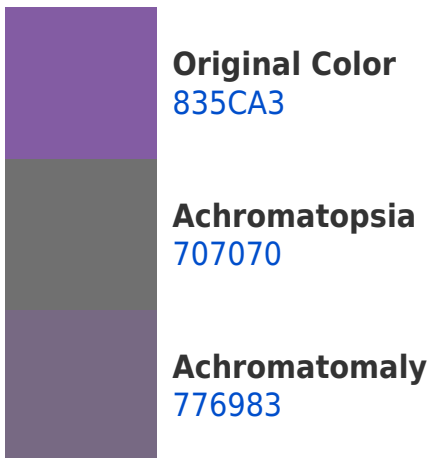


Tritanopia
7A6770

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 835CA3 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 #835CA3 looks like.

```
.text, #text, p{  
    color:#835CA3  
}
```

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 #835CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835CA3
}
```

Border

The CSS property to change the border of an element to Hex 835CA3 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
#835CA3 }
```

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

```
.border{ border-color:#835CA3 }
```

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

Here you see how a box with a 4 pixel #835CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835CA3; -webkit-box-shadow:4px 4px  
4px 4px #835CA3; box-shadow:4px 4px 4px  
4px #835CA3 }
```

Background

The CSS property to change the background color of an element to Hex 835CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835CA3 }
```

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

```
.background{ background-color:#835CA3 }
```

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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