

Converting Colors

Hex(835FA9)

Have a look what the booklet for
Hex(835FA9) contains.

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Color

Hex(835FA9)

Conversions

Conversions Part 1

Format	Color
Hex	835FA9
RGB	131, 95, 169
RGB Percent	51%, 37%, 66%
CMY	0.4863, 0.6275, 0.3373
CMYK	0.22, 0.44, 0.00, 0.34
HSL	269°, 30%, 52%
HSV	269°, 44%, 66%
XYZ	20.6137, 15.8743, 39.5137
YIQ	114.2000, -2.2980, 30.6460

Conversions

Conversions Part 2

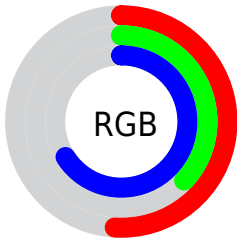
Format	Color
R_{YB}	131, 95, 169
Decimal	8609705
CIE _{Lab}	46.81, 29.68, -34.37
CIE _{LCh}	47, 45.406, 310.814
Yxy	15.8743, 0.2712, 0.2089
Android (android.graphics.Color)	4286799785 (0xFF835FA9)
YUV	114.2000, 27.0164, 14.7336
Hunter-Lab	39.8425, 22.6278, -30.9109

Details

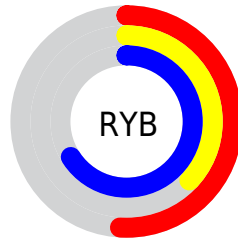
The Hex color **835FA9** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **85A95F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B992E1**, and **4F3074** is the 20% darker color. If you saturate the color by 10%, you get **7A4EA9**, and if you desaturate by 10%, it is **8C70A9**.

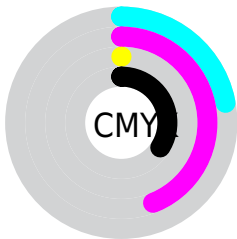
Distribution



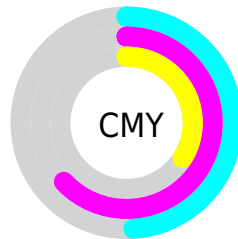
- Red (51%)
- Green (37%)
- Blue (66%)



- Red (51%)
- Yellow (37%)
- Blue (66%)



- Cyan (22%)
- Magenta (44%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (63%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835FA9 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 835FA9 by changing the saturation by 10% instead.

835FA9

835FA9

FFFFFF

69478E

B992E1

4F3074

D6ADFD

37195B

F2C8FF

1E0343

FFE5FF

01002D

000117

000000

835FA9

835FA9

7A4EA9

8C70A9

723DA9

9481A9

692CA9

9D92A9

601BA9

A6A3A9

580BA9

AEB3A9

5200A9

B7C4A9

C0D5A9

C8E6A9

D1F7A9

Harmonies

Analogous

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



3F6FBA



835FA9



A85089

Triad

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



835FA9



976424



00827C

Complementary

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



835FA9



85A95F

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.



008054



835FA9



76711D

Square

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



835FA9



AE553F



4D7B32



0080A0

Rectangle

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



835FA9



B34C6F



4D7B32



00816F

Sweetspot

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



835FA9



CDBFDB



5F85A9



655C6E



EDEDED



6E6E6E

Same Dimension

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



835FA9



A067DB



A85FA9



504C54



480094



0A0014

Inverse Universe

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



A95F85



DB67A3



60A95F



544C50



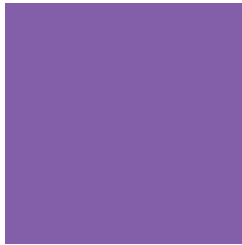
94004C



14000A

Previews

White Background



This preview shows how the Hex color 835FA9 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

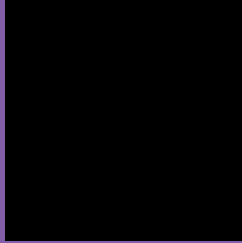
Any Text WCAG AA × Fail

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 835FA9 Background



This preview shows how black text looks on a background with the Hex color 835FA9.

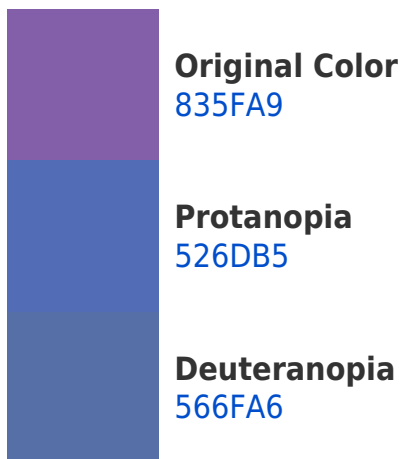



This preview shows how white text looks on a background with the Hex color 835FA9.

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](#).

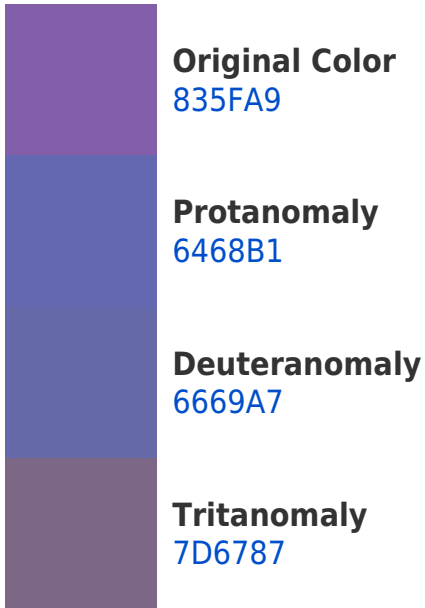
Dichromacy



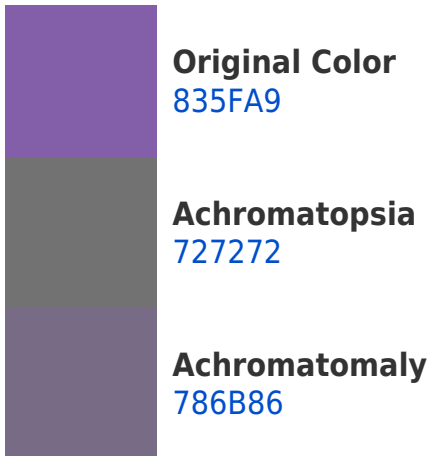


Tritanopia
7A6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 835FA9 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 #835FA9 looks like.

```
.text, #text, p{  
    color:#835FA9  
}
```

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 #835FA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835FA9
}
```

Border

The CSS property to change the border of an element to Hex 835FA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

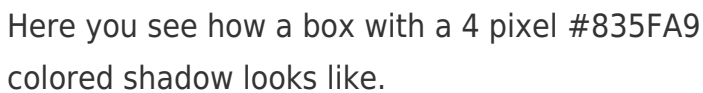
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835FA9 }
```

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

```
.border{ border-color:#835FA9 }
```

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



Here you see how a box with a 4 pixel #835FA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835FA9; -webkit-box-shadow:4px 4px  
4px 4px #835FA9; box-shadow:4px 4px 4px  
4px #835FA9 }
```

Background

The CSS property to change the background color of an element to Hex 835FA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835FA9 }
```

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

```
.background{ background-color:#835FA9 }
```

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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