

# Converting Colors

Hex(835C96)

Have a look what the booklet for  
Hex(835C96) contains.

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# Color

**Hex(835C96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	835C96
RGB	131, 92, 150
RGB Percent	51%, 36%, 59%
CMY	0.4863, 0.6392, 0.4118
CMYK	0.13, 0.39, 0.00, 0.41
HSL	280°, 24%, 47%
HSV	280°, 39%, 59%
XYZ	18.6922, 14.6816, 30.7028
YIQ	110.2730, 4.6260, 26.3060

# Conversions

## Conversions Part 2

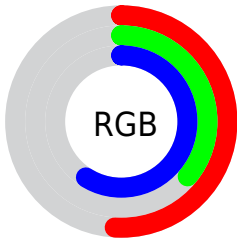
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 92, 150
Decimal	8608918
CIE <sub>Lab</sub>	45.19, 27.00, -25.64
CIE <sub>LCh</sub>	45, 37.232, 316.473
Yxy	14.6816, 0.2917, 0.2291
Android (android.graphics.Color)	4286798998 (0xFF835C96)
YUV	110.2730, 19.5854, 18.1776
Hunter-Lab	38.3166, 20.0249, -20.6871

# Details

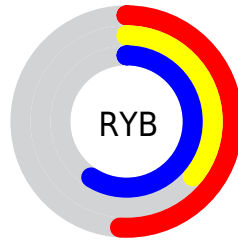
The Hex color **835C96** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6F965C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B98FCC**, and **502D63** is the 20% darker color. If you saturate the color by 10%, you get **7E4D96**, and if you desaturate by 10%, it is **886B96**.

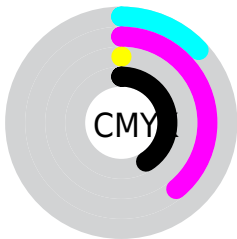
# Distribution



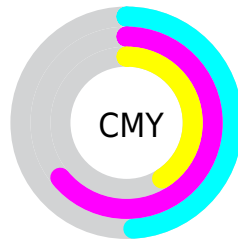
- Red (51%)
- Green (36%)
- Blue (59%)



- Red (51%)
- Yellow (36%)
- Blue (59%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (64%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 835C96 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 835C96 by changing the saturation by 10% instead.



 835C96

 835C96

FFFFFF

 69447C

 B98FCC

 502D63

 D5AAE9

 38174B

 F2C5FF

 220034

 FFE1FF

 00001E

FFFEFF

 000000

 835C96

 835C96

 7E4D96

 886B96

 793E96

 8D7A96

742F96

928996

6F2096

979896

6A1196

9CA796

660296

A0B696

650096

A5C596

AAD496

AFE396

# Harmonies

## Analogous

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



5568A7



835C96



9D527A

# Triad

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



835C96



89642D



007B7C

# Complementary

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



835C96



6F965C

# 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.



0A7A5B



835C96



6C6F2D

# Square

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



835C96



9D593F



49763F



007897

# Rectangle

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



835C96



A55065



49763F



007B71



# Sweetspot

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



835C96



BAABC2



5C6F96



5C5361



E0E0E0



616161



# Same Dimension

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



835C96



A569C2



965C8C



48434A



5D008A



07000A



# Inverse Universe

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



965C6F



C26986



5C9666



4A4345



8A002D

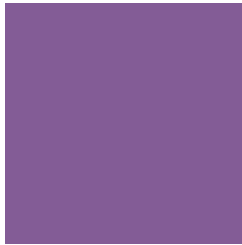


0A0003



# Previews

## White Background



This preview shows how the Hex color 835C96 looks on a white background.

## Color Contrast Check

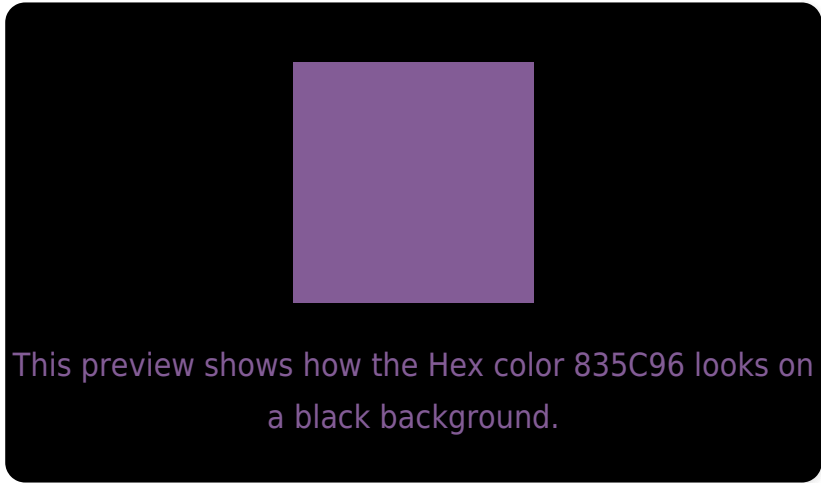
Large Text (above 18pt) WCAG AA ✓ Pass

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

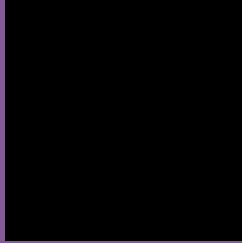
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 835C96 Background



This preview shows how black text looks on a background with the Hex color 835C96.




This preview shows how white text looks on a background with the Hex color 835C96.

# 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**  
7D656D

# Trichromacy



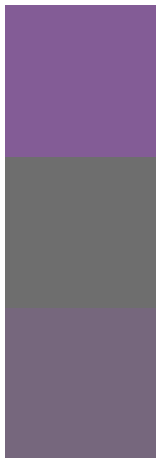
**Original Color**  
835C96

**Protanomaly**  
68649D

**Deuteranomaly**  
6C6594

**Tritanomaly**  
7F627C

# Monochromacy



**Original Color**  
835C96

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
76677D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 835C96 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 #835C96 looks like.

```
.text, #text, p{  
    color:#835C96  
}
```

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 #835C96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835C96
}
```

## Border

The CSS property to change the border of an element to Hex 835C96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

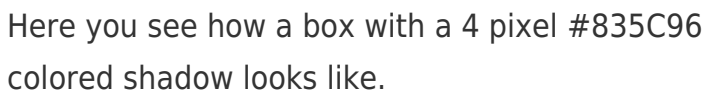
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835C96 }
```

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

```
.border{ border-color:#835C96 }
```

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



Here you see how a box with a 4 pixel #835C96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835C96; -webkit-box-shadow:4px 4px  
4px 4px #835C96; box-shadow:4px 4px 4px  
4px #835C96 }
```

# Background

The CSS property to change the background color of an element to Hex 835C96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835C96 }
```

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

```
.background{ background-color:#835C96 }
```

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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