

Converting Colors

Hex(853E9B)

Have a look what the booklet for
Hex(853E9B) contains.

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Color

Hex(853E9B)

Conversions

Conversions Part 1

Format	Color
Hex	853E9B
RGB	133, 62, 155
RGB Percent	52%, 24%, 61%
CMY	0.4784, 0.7569, 0.3922
CMYK	0.14, 0.60, 0.00, 0.39
HSL	286°, 43%, 43%
HSV	286°, 60%, 61%
XYZ	17.3119, 10.7984, 32.1822
YIQ	93.8310, 12.4630, 43.9750

Conversions

Conversions Part 2

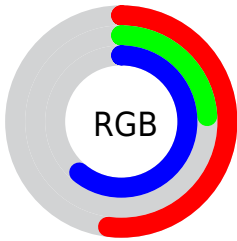
Format	Color
R _Y B	133, 62, 155
Decimal	8732315
CIE Lab	39.24, 45.33, -37.98
CIE LCh	39, 59.139, 320.037
Yxy	10.7984, 0.2871, 0.1791
Android (android.graphics.Color)	4286922395 (0xFF853E9B)
YUV	93.8310, 30.1563, 34.3512
Hunter-Lab	32.8608, 36.5316, -35.0629

Details

The Hex color **853E9B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **549B3E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BC71D2**, and **500567** is the 20% darker color. If you saturate the color by 10%, you get **812F9B**, and if you desaturate by 10%, it is **894E9B**.

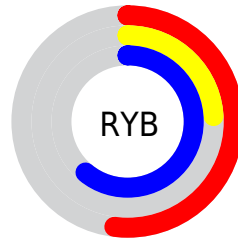
Distribution



Red (52%)

Green (24%)

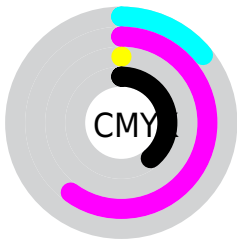
Blue (61%)



Red (52%)

Yellow (24%)

Blue (61%)

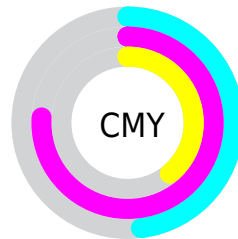


Cyan (14%)

Magenta (60%)

Yellow (0%)

Black (39%)



Cyan (48%)

Magenta (76%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 853E9B 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 853E9B by changing the saturation by 10% instead.

 853E9B

 853E9B

FFFFFF

 6A2481

 BC71D2

 500567

 D98CEE

 37004F

 F6A7FF

 220037

 FFC3FF

 000221

 FFDFFF

 000005

 FFFCFF

 000000

 853E9B

 853E9B

 812F9B

 894E9B

7E1F9B

8C5D9B

7A0F9B

906C9B

76009B

947C9B

978B9B

9B9B9B

9FAB9B

A2BA9B

A6CA9B

Harmonies

Analogous

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



2D57B8



853E9B



A9246F

Triad

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



853E9B



7E5500



00717C

Complementary

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



853E9B



549B3E

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.



00704A



853E9B



526400

Square

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



853E9B



9E3E0F



006C16



006FA6

Rectangle

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



853E9B



B0204E



006C16



00716C

Sweetspot

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



853E9B



C1A5C9



3E559B



615066



E6E6E6



666666

Same Dimension

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



853E9B



A738C9



9B3E84



4B454D



6B008C



0A000D

Inverse Universe

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



9B3E54



C9385B



3E9B55



4D4547



8C0021



0D0003

Previews

White Background



This preview shows how the Hex color 853E9B looks on a white background.

Color Contrast Check

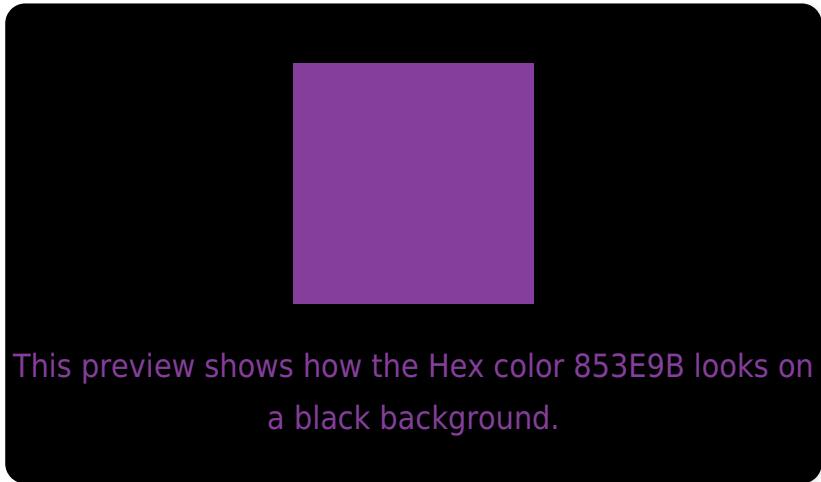
Large Text (above 18pt) WCAG AA ✓ Pass

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

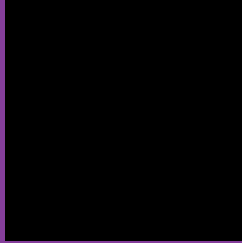
Any Text WCAG AA × Fail

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 853E9B Background



This preview shows how black text looks on a background with the Hex color 853E9B.

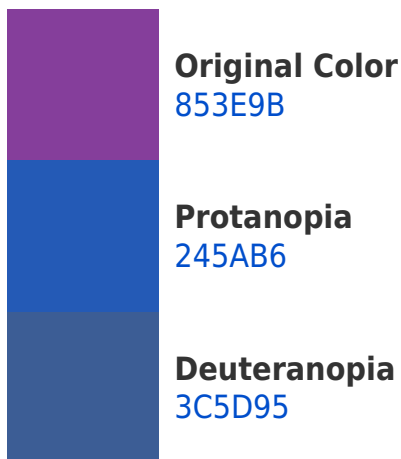


This preview shows how white text looks on a background with the Hex color 853E9B.

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
7B5157

Trichromacy



Original Color
853E9B



Protanomaly
4750AC



Deuteranomaly
575297



Tritanomaly
7F4A70

Monochromacy



Original Color
853E9B



Achromatopsia
5E5E5E



Achromatomaly
6C5274

CSS Examples

Text

The CSS property to change the color of the text to Hex 853E9B 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 #853E9B looks like.

```
.text, #text, p{  
    color:#853E9B  
}
```

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 #853E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #853E9B
}
```

Border

The CSS property to change the border of an element to Hex 853E9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

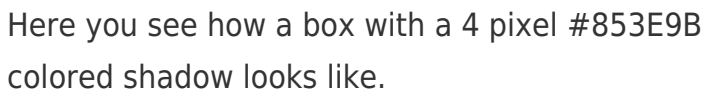
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#853E9B }
```

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

```
.border{ border-color:#853E9B }
```

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



Here you see how a box with a 4 pixel #853E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #853E9B; -webkit-box-shadow:4px 4px  
4px 4px #853E9B; box-shadow:4px 4px 4px  
4px #853E9B }
```

Background

The CSS property to change the background color of an element to Hex 853E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#853E9B }
```

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

```
.background{ background-color:#853E9B }
```

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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