

Converting Colors

Hex(8E3894)

Have a look what the booklet for
Hex(8E3894) contains.

Hex(8E3894)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8E3894)

Conversions

Conversions Part 1

Format	Color
Hex	8E3894
RGB	142, 56, 148
RGB Percent	56%, 22%, 58%
CMY	0.4431, 0.7804, 0.4196
CMYK	0.04, 0.62, 0.00, 0.42
HSL	296°, 45%, 40%
HSV	296°, 62%, 58%
XYZ	17.9148, 10.7172, 29.1414
YIQ	92.2020, 21.7240, 46.8440

Conversions

Conversions Part 2

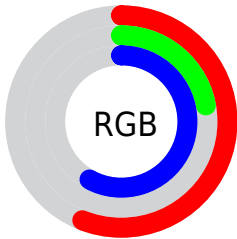
Format	Color
R _Y B	142, 56, 148
Decimal	9320596
CIE Lab	39.10, 49.18, -33.89
CIE LCh	39, 59.723, 325.429
Yxy	10.7172, 0.3101, 0.1855
Android (android.graphics.Color)	4287510676 (0xFF8E3894)
YUV	92.2020, 27.5084, 43.6728
Hunter-Lab	32.7372, 40.3905, -29.8616

Details

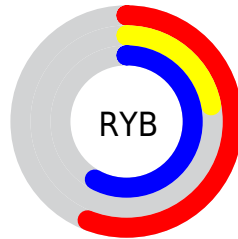
The Hex color **8E3894** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3E9438**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C66DCA**, and **590061** is the 20% darker color. If you saturate the color by 10%, you get **8D2994**, and if you desaturate by 10%, it is **8F4794**.

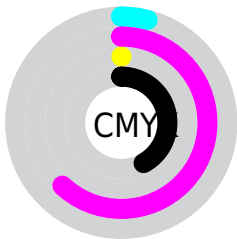
Distribution



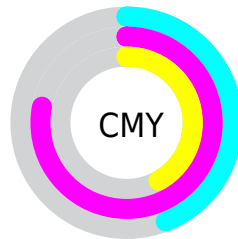
- Red (56%)
- Green (22%)
- Blue (58%)



- Red (56%)
- Yellow (22%)
- Blue (58%)



- Cyan (4%)
- Magenta (62%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E3894 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 8E3894 by changing the saturation by 10% instead.



8E3894



8E3894

FFFFFF



731C7A



C66DCA



590061



E387E7



3F0048



FFA3FF



290032



FFBFFF



00001B



FFDBFF



000000



FFF8FF



8E3894



8E3894



8D2994



8F4794

8C1A94

905694

8B0C94

916494

8A0094

927394

938294

949194

95A094

96AE94

97BD94

Harmonies

Analogous

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



4553B5



8E3894



AC1F66

Triad

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



8E3894



775800



007185

Complementary

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



8E3894



3E9438

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.



007153



8E3894



486500

Square

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



8E3894



9A4201



006D1F



006EAC

Rectangle

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



8E3894



B02045



006D1F



007175

Sweetspot

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



8E3894



BD9BBF



383E94



5F4B61



E0E0E0



616161

Same Dimension

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



8E3894



B630BF



94386C



49434A



81008A



0A000A

Inverse Universe

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



94383E



BF3039



389460



4A4343



8A0009



0A0001

Previews

White Background



This preview shows how the Hex color 8E3894 looks on a white background.

Color Contrast Check

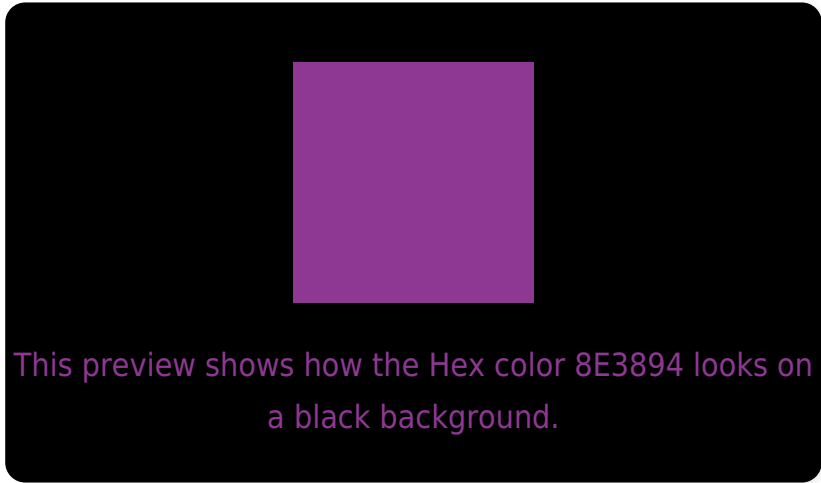
Large Text (above 18pt) WCAG AA ✓ Pass

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

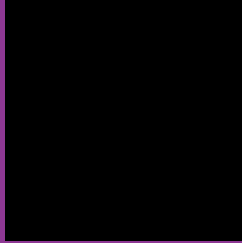
Any Text WCAG AA × Fail

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 8E3894 Background



This preview shows how black text looks on a background with the Hex color 8E3894.

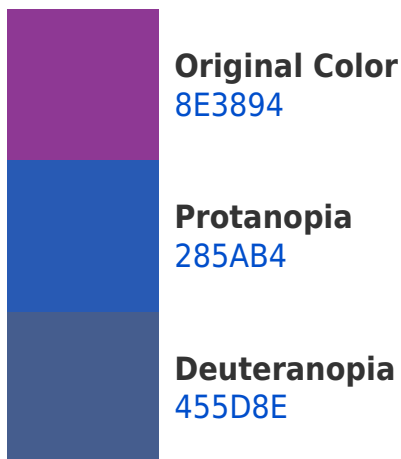


This preview shows how white text looks on a background with the Hex color 8E3894.

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
864B51

Trichromacy



Original Color
8E3894



Protanomaly
4D4EA8



Deuteranomaly
605090



Tritanomaly
894469

Monochromacy



Original Color
8E3894



Achromatopsia
5C5C5C



Achromatomaly
6E4F70

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E3894 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 #8E3894 looks like.

```
.text, #text, p{  
    color:#8E3894  
}
```

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 #8E3894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E3894
}
```

Border

The CSS property to change the border of an element to Hex 8E3894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

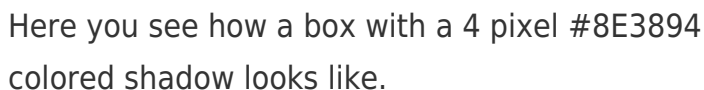
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E3894 }
```

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

```
.border{ border-color:#8E3894 }
```

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



Here you see how a box with a 4 pixel #8E3894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E3894; -webkit-box-shadow:4px 4px  
4px 4px #8E3894; box-shadow:4px 4px 4px  
4px #8E3894 }
```

Background

The CSS property to change the background color of an element to Hex 8E3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E3894 }
```

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

```
.background{ background-color:#8E3894 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor