

Converting Colors

Hex(8E299A)

Have a look what the booklet for
Hex(8E299A) contains.

Hex(8E299A)	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(8E299A)

Conversions

Conversions Part 1

Format	Color
Hex	8E299A
RGB	142, 41, 154
RGB Percent	56%, 16%, 60%
CMY	0.4431, 0.8392, 0.3961
CMYK	0.08, 0.73, 0.00, 0.40
HSL	294°, 58%, 38%
HSV	294°, 73%, 60%
XYZ	17.7810, 9.6698, 31.5011
YIQ	84.0810, 23.9230, 56.5550

Conversions

Conversions Part 2

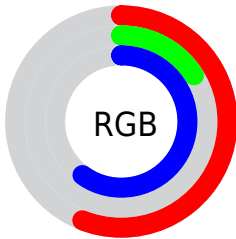
Format	Color
R_{YB}	142, 41, 154
Decimal	9316762
CIE _{Lab}	37.24, 56.47, -40.48
CIE _{LCh}	37, 69.477, 324.365
Yxy	9.6698, 0.3016, 0.1640
Android (android.graphics.Color)	4287506842 (0xFF8E299A)
YUV	84.0810, 34.4701, 50.7950
Hunter-Lab	31.0962, 47.6489, -38.2947

Details

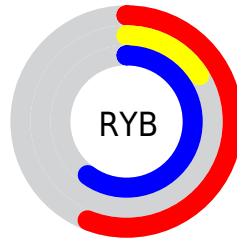
The Hex color **8E299A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **359A29**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **C761D1**, and **580066** is the 20% darker color. If you saturate the color by 10%, you get **8C1A9A**, and if you desaturate by 10%, it is **90389A**.

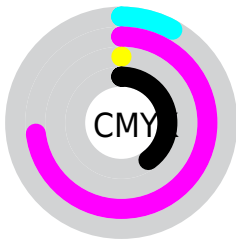
Distribution



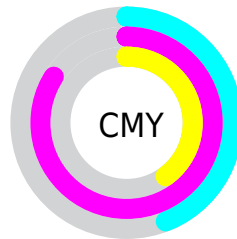
- Red (56%)
- Green (16%)
- Blue (60%)



- Red (56%)
- Yellow (16%)
- Blue (60%)



- Cyan (8%)
- Magenta (73%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (84%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E299A 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 8E299A by changing the saturation by 10% instead.

 8E299A

 8E299A

FFFFFF

 730180

 C761D1

 580066

 E47CEE

 3D004D

 FF97FF

 250036

 FFB3FF

 000120

 FFD0FF

 000003

 FFEDFF

 000000

 8E299A

 8E299A

 8C1A9A

 90389A

8B0A9A

91489A

8A009A

93579A

95679A

96769A

98859A

99959A

9BA49A

9DB49A

Harmonies

Analogous

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



294EC0



8E299A



B20065

Triad

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



8E299A



755200



006E85

Complementary

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



8E299A



359A29

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.



006E4B



8E299A



406200

Square

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



8E299A



9C3600



006A06



006CB3

Rectangle

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



8E299A



B60040



006A06



006E72

Sweetspot

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



8E299A



C59DC9



29369A



634B66



E6E6E6



666666

Same Dimension

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



8E299A



B718C9



9A296F



4C454D



7D008C



0B000D

Inverse Universe

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



9A2935



C9182B



299A54



4D4546



8C000F



0D0001

Previews

White Background



This preview shows how the Hex color 8E299A looks on a white background.

Color Contrast Check

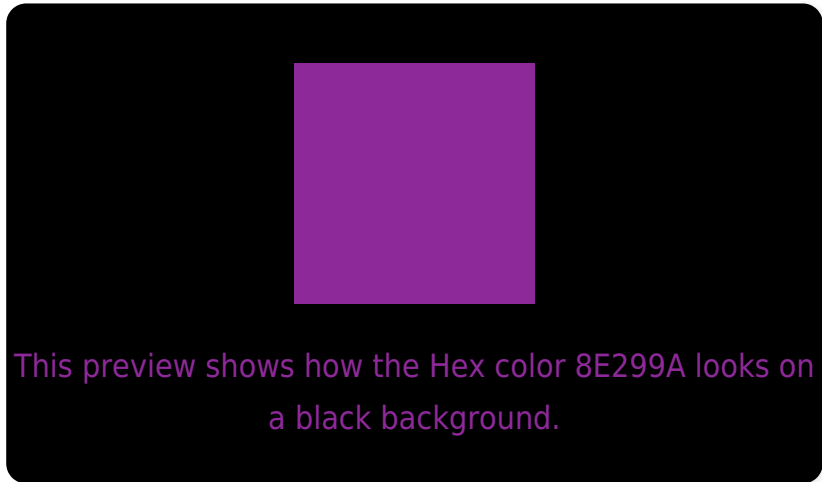
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

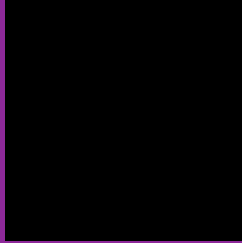
Any Text WCAG AA × Fail

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 8E299A Background



This preview shows how black text looks on a background with the Hex color 8E299A.




This preview shows how white text looks on a background with the Hex color 8E299A.

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
84454A

Trichromacy



Original Color
8E299A



Protanomaly
3445AB



Deuteranomaly
544895



Tritanomaly
883B67

Monochromacy



Original Color
8E299A



Achromatopsia
545454



Achromatomaly
69446D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E299A 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 #8E299A looks like.

```
.text, #text, p{  
    color:#8E299A  
}
```

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 #8E299A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E299A
}
```

Border

The CSS property to change the border of an element to Hex 8E299A is called "border". The border property can be set on classes, ids or directly on the HTML element.

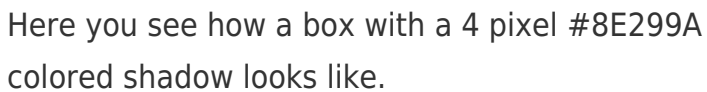
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E299A }
```

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

```
.border{ border-color:#8E299A }
```

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



Here you see how a box with a 4 pixel #8E299A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E299A; -webkit-box-shadow:4px 4px  
4px 4px #8E299A; box-shadow:4px 4px 4px  
4px #8E299A }
```

Background

The CSS property to change the background color of an element to Hex 8E299A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E299A }
```

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

```
.background{ background-color:#8E299A }
```

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