

# Converting Colors

Hex(E2839B)

Have a look what the booklet for  
Hex(E2839B) contains.

|  |    |
|--|----|
| <b>Hex(E2839B)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(E2839B)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E2839B                     |
| RGB         | 226, 131, 155              |
| RGB Percent | 89%, 51%, 61%              |
| CMY         | 0.1137, 0.4863, 0.3922     |
| CMYK        | 0.00, 0.42, 0.31, 0.11     |
| HSL         | 345°, 62%, 70%             |
| HSV         | 345°, 42%, 89%             |
| XYZ         | 45.3967, 34.7679, 35.3286  |
| YIQ         | 162.1410, 48.9160, 27.6040 |

# Conversions

## Conversions Part 2

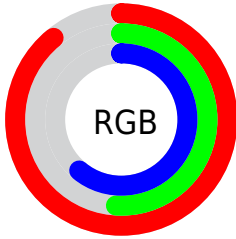
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 226, 131, 155                 |
| Decimal                             | 14844827                      |
| CIE <sub>Lab</sub>                  | 65.57, 39.26, 3.20            |
| CIE <sub>LCh</sub>                  | 66, 39.386, 4.664             |
| Yxy                                 | 34.7679, 0.3931,<br>0.3010    |
| Android<br>(android.graphics.Color) | 4293034907<br>(0xFFE2839B)    |
| YUV                                 | 162.1410, -3.5205,<br>56.0043 |
| Hunter-Lab                          | 58.9643, 34.2399,<br>5.7513   |

# Details

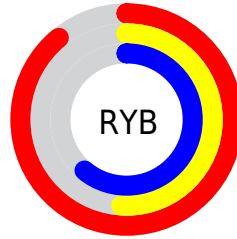
The Hex color **E2839B** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83E2CA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB9D1**, and **A84F68** is the 20% darker color. If you saturate the color by 10%, you get **E26C8A**, and if you desaturate by 10%, it is **E29AAC**.

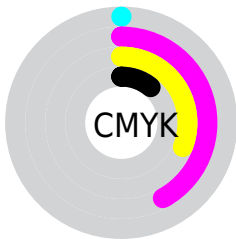
# Distribution



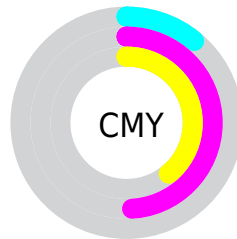
- Red (89%)
- Green (51%)
- Blue (61%)



- Red (89%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (42%)
- Yellow (31%)
- Black (11%)



- Cyan (11%)
- Magenta (49%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2839B 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 E2839B by changing the saturation by 10% instead.



 E2839B

 E2839B

FFFFFF

 C56981


 FFB9D1

 A84F68

 FFD6EE

 8C3650

 FFF3FF

 711C39

 560024

 3C000E

 220001

 000000

 E2839B

 E2839B

 E26C8A

 E29AAC

 E25679

 E2B0BD

 E23F68

 E2C7CE

 E22957

 E2DDDF

 E21247

 E2F4EF

 E20039

 E2FFFF

# Harmonies

## Analogous

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



D088BE



E2839B



E08879

# Triad

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



E2839B



8BA964



25ABDE

# Complementary

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



E2839B



83E2CA

# 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.



00B1C6



E2839B



5FAF80

# Square

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



E2839B



B09F58



20B2A4



73A1E5

# Rectangle

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



E2839B



D68F67



20B2A4



00ADD8



# Sweetspot

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



E2839B



FFDEE6



C983E2



806B70



000000



808080



# Same Dimension

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



E2839B



FF80A0



E29983



706568



B0002C



30000C



# Inverse Universe

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



E2839B



FF80A0



83CCE2



706568



B0002C



30000C



# Previews

## White Background



This preview shows how the Hex color E2839B looks on a white background.

## Color Contrast Check

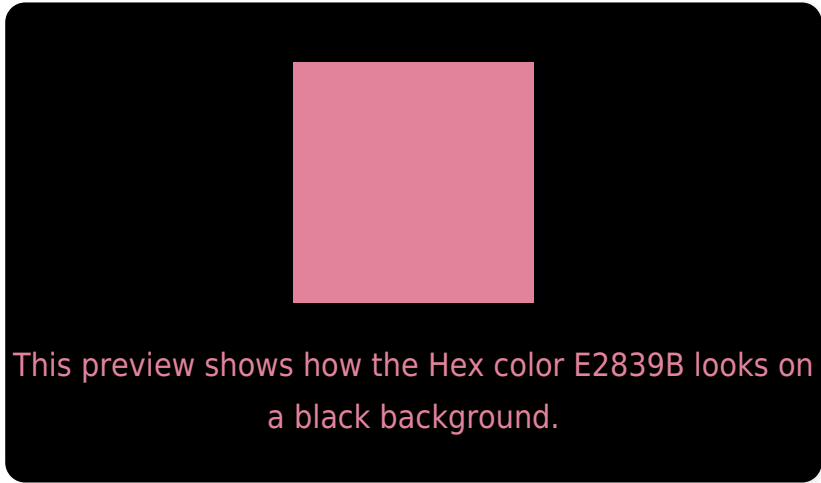
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex E2839B Background



This preview shows how black text looks on a background with the Hex color E2839B.

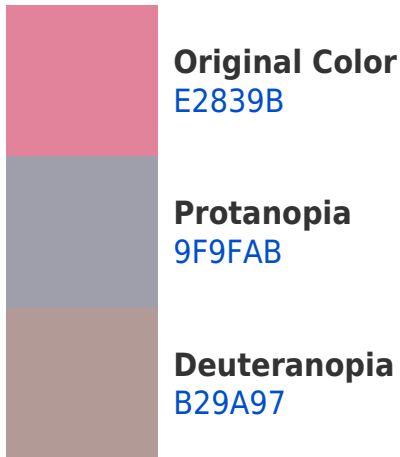



This preview shows how white text looks on a background with the Hex color E2839B.

# 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**  
E1858F

# Trichromacy



**Original Color**  
E2839B



**Protanomaly**  
B795A5



**Deuteranomaly**  
C39298

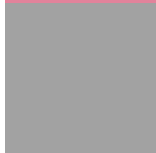


**Tritanomaly**  
E18493

# Monochromacy



**Original Color**  
E2839B



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
B9979F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2839B 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 #E2839B looks like.

```
.text, #text, p{  
    color:#E2839B  
}
```

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 #E2839B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2839B
}
```

## Border

The CSS property to change the border of an element to Hex E2839B 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
#E2839B }
```

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

```
.border{ border-color:#E2839B }
```

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

Here you see how a box with a 4 pixel #E2839B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2839B; -webkit-box-shadow:4px 4px  
4px 4px #E2839B; box-shadow:4px 4px 4px  
4px #E2839B }
```

# Background

The CSS property to change the background color of an element to Hex E2839B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2839B }
```

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

```
.background{ background-color:#E2839B }
```

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