

# Converting Colors

Hex(EB829B)

Have a look what the booklet for  
Hex(EB829B) contains.

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**Color**

**Hex(EB829B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB829B
RGB	235, 130, 155
RGB Percent	92%, 51%, 61%
CMY	0.0784, 0.4902, 0.3922
CMYK	0.00, 0.45, 0.34, 0.08
HSL	346°, 72%, 72%
HSV	346°, 45%, 92%
XYZ	48.1600, 35.9940, 35.4196
YIQ	164.2450, 54.5550, 30.0350

# Conversions

## Conversions Part 2

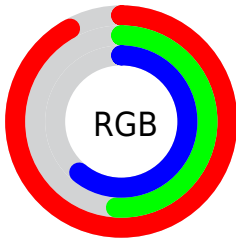
Format	Color
R <sub>Y</sub> B	235, 130, 155
Decimal	15434395
CIE Lab	66.52, 42.94, 4.72
CIE LCh	67, 43.203, 6.270
Yxy	35.9940, 0.4028, 0.3010
Android (android.graphics.Color)	4293624475 (0xFFEB829B)
YUV	164.2450, -4.5578, 62.0521
Hunter-Lab	59.9950, 38.2967, 6.9931

# Details

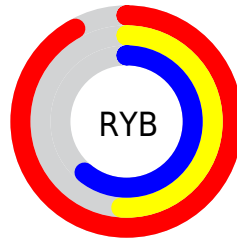
The Hex color **EB829B** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82EBD2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB9D1**, and **B04D68** is the 20% darker color. If you saturate the color by 10%, you get **EB6B89**, and if you desaturate by 10%, it is **EB9AAD**.

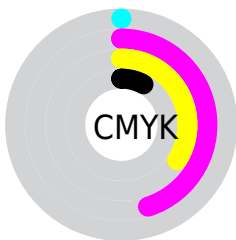
# Distribution



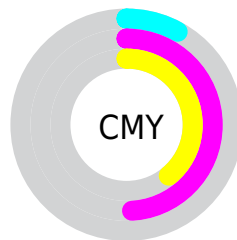
- Red (92%)
- Green (51%)
- Blue (61%)



- Red (92%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (45%)
- Yellow (34%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB829B 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 EB829B by changing the saturation by 10% instead.



 EB829B

 EB829B

FFFFFF

 CD6881

 FFB9D1

 B04D68

 FFD5EE

 943450

 FFF2FF

 781839

 5C0024

 42000E

 290001

 000000

 EB829B

 EB829B

 EB6B89

 EB9AAD

 EB5377

 EBB1BF

 EB3C65

 EBC9D1

 EB2453

 EBE0E3

 EB0D41

 EBF8F5

 EB0038

 EBFFFF

# Harmonies

## Analogous

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



D987C2



EB829B



E88876

# Triad

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



EB829B



89AD61



00AEE8

# Complementary

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



EB829B



82EBD2

# 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.



00B4CF



EB829B



56B381

# Square

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



EB829B



B2A253



00B6A9



72A3EF

# Rectangle

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



EB829B



DC9062



00B6A9



00B1E1



# Sweetspot

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



EB829B



FFDEE6



D182EB



806B70



000000



808080



# Same Dimension

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



EB829B



FF7596



EB9C82



756A6C



B5002B



36000D



# Inverse Universe

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



EB829B



FF7596



82D1EB



756A6C



B5002B



36000D



# Previews

## White Background



This preview shows how the Hex color EB829B looks on a white background.

## Color Contrast Check

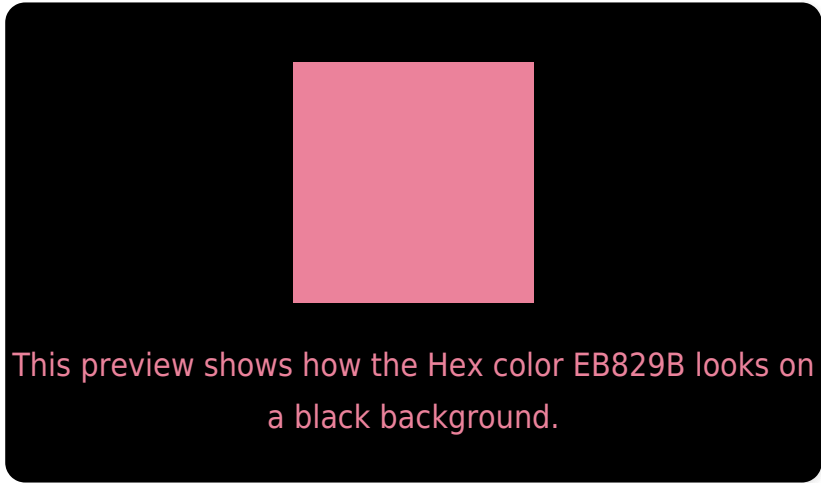
Large Text (above 18pt) WCAG AA × Fail

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 EB829B Background



This preview shows how black text looks on a background with the Hex color EB829B.

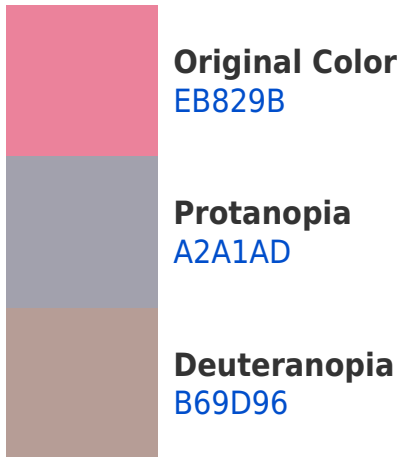



This preview shows how white text looks on a background with the Hex color EB829B.

# 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](#).

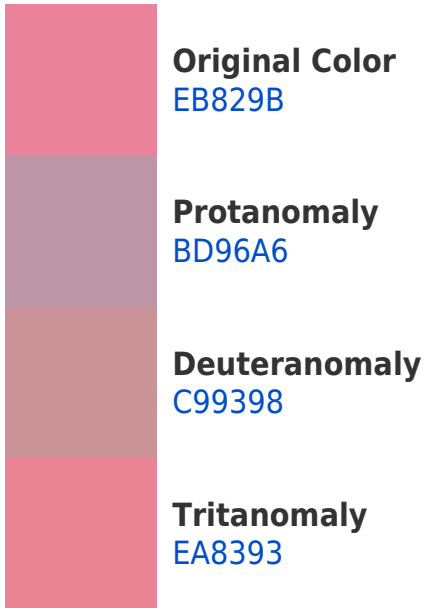
## Dichromacy



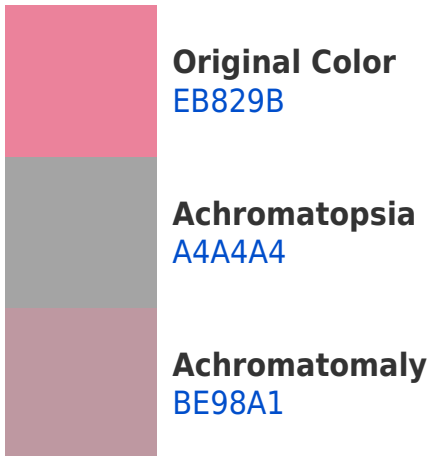


**Tritanopia**  
EA848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB829B 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 #EB829B looks like.

```
.text, #text, p{  
    color:#EB829B  
}
```

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 #EB829B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB829B
}
```

## Border

The CSS property to change the border of an element to Hex EB829B 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
#EB829B }
```

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

```
.border{ border-color:#EB829B }
```

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

Here you see how a box with a 4 pixel #EB829B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB829B; -webkit-box-shadow:4px 4px  
4px 4px #EB829B; box-shadow:4px 4px 4px  
4px #EB829B }
```

# Background

The CSS property to change the background color of an element to Hex EB829B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB829B }
```

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

```
.background{ background-color:#EB829B }
```

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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