

# Converting Colors

Hex(EC838F)

Have a look what the booklet for  
Hex(EC838F) contains.

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# **Color**

**Hex(EC838F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC838F
RGB	236, 131, 143
RGB Percent	93%, 51%, 56%
CMY	0.0745, 0.4863, 0.4392
CMYK	0.00, 0.44, 0.39, 0.07
HSL	353°, 73%, 72%
HSV	353°, 44%, 93%
XYZ	47.6663, 36.0486, 30.4324
YIQ	163.7630, 58.7280, 25.9920

# Conversions

## Conversions Part 2

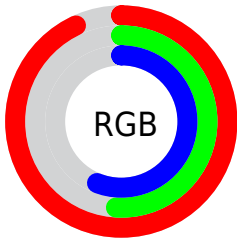
Format	Color
R <sub>Y</sub> B	236, 131, 143
Decimal	15500175
CIE Lab	66.56, 41.40, 11.58
CIE LCh	67, 42.986, 15.622
Yxy	36.0486, 0.4176, 0.3158
Android (android.graphics.Color)	4293690255 (0xFFEC838F)
YUV	163.7630, -10.2362, 63.3518
Hunter-Lab	60.0405, 36.6406, 11.9764

# Details

The Hex color **EC838F** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83ECE0**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBAC5**, and **B14F5D** is the 20% darker color. If you saturate the color by 10%, you get **EC6B7A**, and if you desaturate by 10%, it is **EC9BA4**.

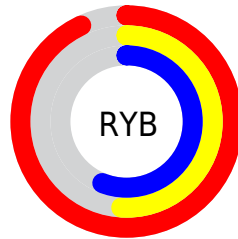
# Distribution



Red (93%)

Green (51%)

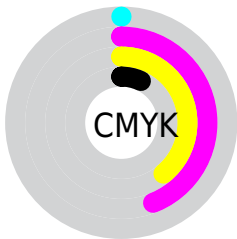
Blue (56%)



Red (93%)

Yellow (51%)

Blue (56%)

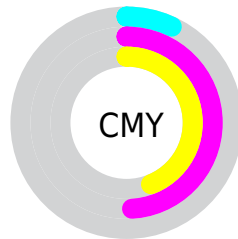


Cyan (0%)

Magenta (44%)

Yellow (39%)

Black (7%)



Cyan (7%)

Magenta (49%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC838F 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 EC838F by changing the saturation by 10% instead.



 EC838F

 EC838F

FFFFFF

 CE6975

 FFBA05

 B14F5D

 FFD6E1

 943545

 FFF3FD

 781A2F

 5C001B

 420000

 280001

 000000

 EC838F

 EC838F

 EC6B7A

 EC9BA4

 EC5465

 ECB2B9

 EC3C50

 ECCACE

 EC253B

 ECE1E3

 EC0D26

 ECF9F8

 EC001B

 ECFFFF

# Harmonies

## Analogous

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



E185B6



EC838F



E38C6C

# Triad

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



EC838F



7BAF6A



36ABEC

# Complementary

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



EC838F



83ECE0

# 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.



00B3D8



EC838F



43B58D

# Square

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



EC838F



A6A655



00B6B5



889FEC

# Rectangle

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



EC838F



D4945C



00B6B5



00AEE7



# Sweetspot

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



EC838F



FFDEE2



E083EC



806B6D



000000



808080



# Same Dimension

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



EC838F



FF7887



ECAB83



756A6B



B50015



360006



# Inverse Universe

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



EC838F



FF7887



83C4EC



756A6B



B50015



360006



# Previews

## White Background



This preview shows how the Hex color EC838F looks on a white background.

## Color Contrast Check

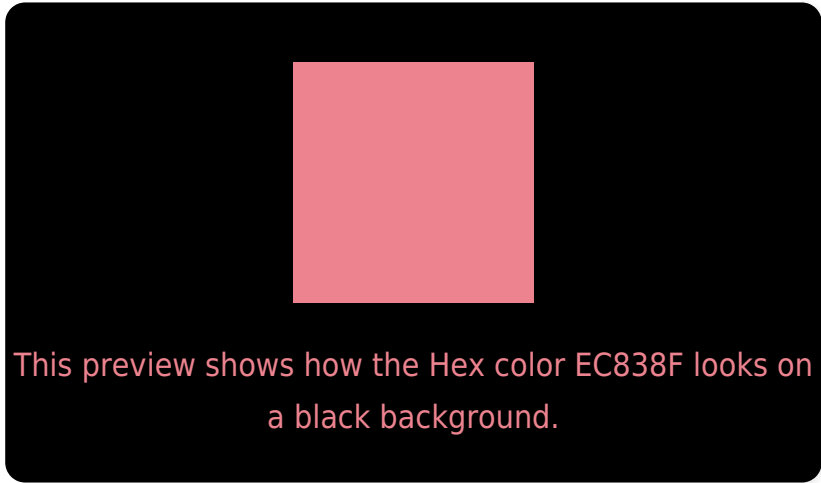
Large Text (above 18pt) WCAG AA × Fail

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 EC838F Background



This preview shows how black text looks on a background with the Hex color EC838F.

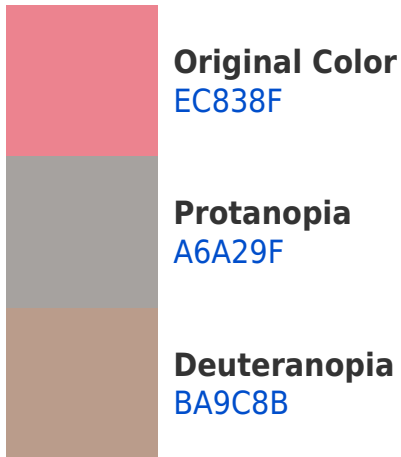



This preview shows how white text looks on a background with the Hex color EC838F.

# 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](#).

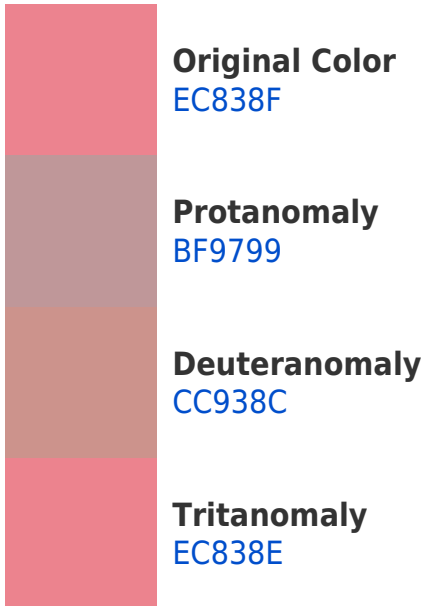
## Dichromacy



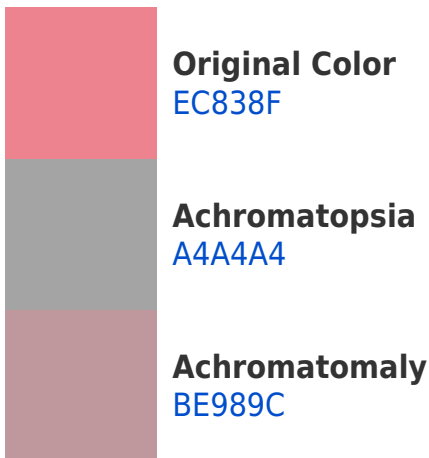


**Tritanopia**  
EC838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC838F 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 #EC838F looks like.

```
.text, #text, p{  
  color:#EC838F  
}
```

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 #EC838F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC838F
}
```

## Border

The CSS property to change the border of an element to Hex EC838F is called "border". The border property can be set on classes, ids or directly on the HTML element.

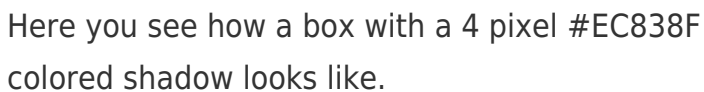
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC838F }
```

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

```
.border{ border-color:#EC838F }
```

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



Here you see how a box with a 4 pixel `#EC838F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC838F; -webkit-box-shadow:4px 4px  
4px 4px #EC838F; box-shadow:4px 4px 4px  
4px #EC838F }
```

# Background

The CSS property to change the background color of an element to Hex EC838F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC838F }
```

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

```
.background{ background-color:#EC838F }
```

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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