

# Converting Colors

Hex(E8448F)

Have a look what the booklet for  
Hex(E8448F) contains.

<b>Hex(E8448F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(E8448F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E8448F
RGB	232, 68, 143
RGB Percent	91%, 27%, 56%
CMY	0.0902, 0.7333, 0.4392
CMYK	0.00, 0.71, 0.38, 0.09
HSL	333°, 78%, 59%
HSV	333°, 71%, 91%
XYZ	40.3038, 23.2732, 28.3545
YIQ	125.5860, 73.6690, 58.0930

# Conversions

## Conversions Part 2

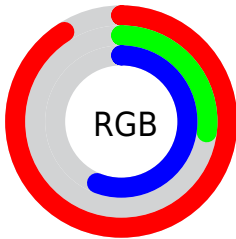
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 68, 143
Decimal	15221903
CIE <sub>Lab</sub>	55.35, 68.09, -4.70
CIE <sub>LCh</sub>	55, 68.248, 356.055
Yxy	23.2732, 0.4384, 0.2532
Android (android.graphics.Color)	4293411983 (0xFFE8448F)
YUV	125.5860, 8.5851, 93.3251
Hunter-Lab	48.2423, 64.7027, -1.0782

# Details

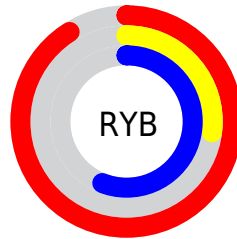
The Hex color **E8448F** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle muted rose. A complement of this color would be **44E89D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF80C5**, and **AB005D** is the 20% darker color. If you saturate the color by 10%, you get **E82D82**, and if you desaturate by 10%, it is **E85B9C**.

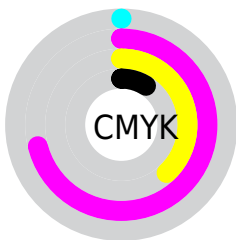
# Distribution



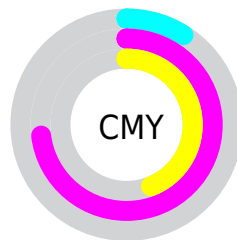
- Red (91%)
- Green (27%)
- Blue (56%)



- Red (91%)
- Yellow (27%)
- Blue (56%)



- Cyan (0%)
- Magenta (71%)
- Yellow (38%)
- Black (9%)



- Cyan (9%)
- Magenta (73%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8448F 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 E8448F by changing the saturation by 10% instead.



 E8448F

 E8448F

FFFFFF

 C92075

 FF80C5

 AB005D

 FF9DE1

 8E0045

 FFBAFD

 70002F

 FFD7FF

 53001B

 FFF5FF

 380002

 0D0000

 000000

 E8448F

 E8448F

 E82D82

 E85B9C

 E81676

 E872A8

 E8006A

 E88AB5

 E8A1C1

 E8B8CE

 E8CFDB

 E8E6E7

 E8FEF4

 E8FFFF

# Harmonies

## Analogous

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



C35BC8



E8448F



EA4C54

# Triad

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



E8448F



6D9000



009AE6

# Complementary

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



E8448F



44E89D

# 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.



009FB7



E8448F



009A3D

# Square

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



E8448F



A67F00



009F7B



008EFB

# Rectangle

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



E8448F



DC5D30



009F7B



009DD9



# Sweetspot

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



E8448F



FFC9E2



9B44E8



80606E



000000



808080



# Same Dimension

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



E8448F



FF2689



E84944



73676D



B30052



330017



# Inverse Universe

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



E8448F



FF2689



44E3E8



73676D



B30052



330017



# Previews

## White Background



This preview shows how the Hex color E8448F looks on a white background.

## Color Contrast Check

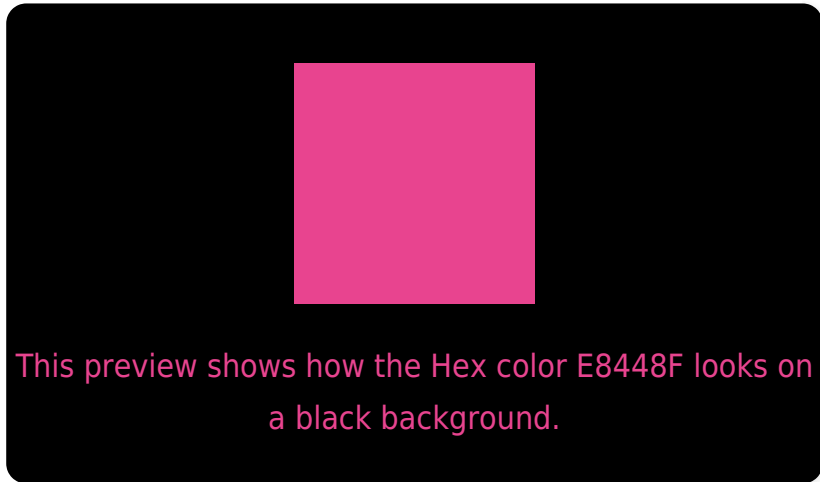
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

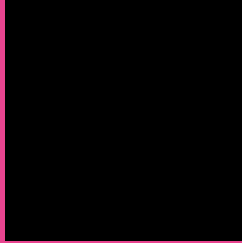
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E8448F Background



This preview shows how black text looks on a background with the Hex color E8448F.



This preview shows how white text looks on a background with the Hex color E8448F.

# 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](#).

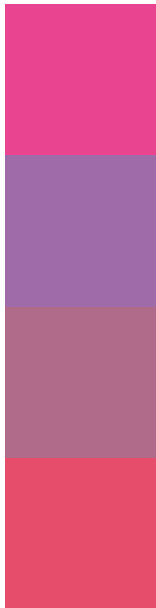
## Dichromacy





**Tritanopia**  
E45257

# Trichromacy



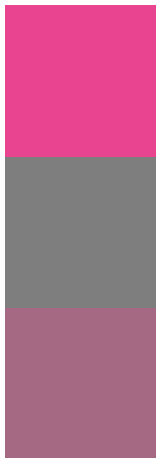
**Original Color**  
E8448F

**Protanomaly**  
9F6CA9

**Deuteranomaly**  
B16B8A

**Tritanomaly**  
E54D6B

# Monochromacy



**Original Color**  
E8448F

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
A56984

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8448F 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 #E8448F looks like.

```
.text, #text, p{  
  color:#E8448F  
}
```

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 #E8448F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8448F
}
```

## Border

The CSS property to change the border of an element to Hex E8448F 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
#E8448F }
```

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

```
.border{ border-color:#E8448F }
```

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

Here you see how a box with a 4 pixel #E8448F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8448F; -webkit-box-shadow:4px 4px  
4px 4px #E8448F; box-shadow:4px 4px 4px  
4px #E8448F }
```

# Background

The CSS property to change the background color of an element to Hex E8448F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8448F }
```

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

```
.background{ background-color:#E8448F }
```

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