

# Converting Colors

Hex(EA108F)

Have a look what the booklet for  
Hex(EA108F) contains.

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**Color**

**Hex(EA108F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA108F
RGB	234, 16, 143
RGB Percent	92%, 6%, 56%
CMY	0.0824, 0.9373, 0.4392
CMYK	0.00, 0.93, 0.39, 0.08
HSL	325°, 87%, 49%
HSV	325°, 93%, 92%
XYZ	39.0749, 19.8462, 27.7578
YIQ	95.6600, 89.1610, 85.7130

# Conversions

## Conversions Part 2

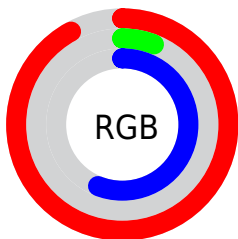
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 16, 143
Decimal	15339663
CIE <sub>Lab</sub>	51.66, 80.13, -10.16
CIE <sub>LCh</sub>	52, 80.774, 352.777
Yxy	19.8462, 0.4508, 0.2290
Android (android.graphics.Color)	4293529743 (0xFFEA108F)
YUV	95.6600, 23.3386, 121.3242
Hunter-Lab	44.5490, 78.6052, -5.7583

# Details

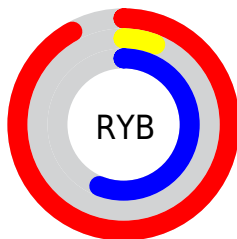
The Hex color **EA108F** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **10EA6B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF63C5**, and **AC005D** is the 20% darker color. If you saturate the color by 10%, you get **EA0088**, and if you desaturate by 10%, it is **EA2799**.

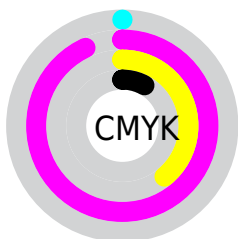
# Distribution



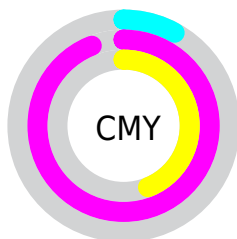
- Red (92%)
- Green (6%)
- Blue (56%)



- Red (92%)
- Yellow (6%)
- Blue (56%)



- Cyan (0%)
- Magenta (93%)
- Yellow (39%)
- Black (8%)



- Cyan (8%)
- Magenta (94%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA108F 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 EA108F by changing the saturation by 10% instead.



 EA108F

 EA108F

FFFFFF

 CB0075

 FF63C5

 AC005D

 FF82E1

 8E0045

 FFA1FD

 70002F

 FFBFFF

 53001B

 FFDDFF

 350002

 FFFCFF

 030000

 000000

 EA108F

 EA108F

EA0088

EA2799

EA3FA3

EA56AC

EA6EB6

EA85C0

EA9CCA

EAB4D3

EACBDD

EAE3E7

# Harmonies

## Analogous

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



BB48D0



EA108F



EF204B

# Triad

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



EA108F



638700



0095E9

# Complementary

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



EA108F



10EA6B

# 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.



0098AF



EA108F



009218

# Square

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



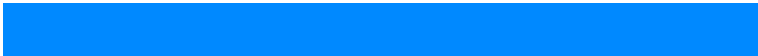
EA108F



A47300



009768



0089FF

# Rectangle

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



EA108F



E0421C



009768



0097D9



# Sweetspot

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



EA108F



FFB8E1



6B10EA



80546D



000000



808080



# Same Dimension

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



EA108F



FF0095



EA1022



756A70



B50069



36001F



# Inverse Universe

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



EA108F



FF0095



10EAD8



756A70



B50069



36001F



# Previews

## White Background



This preview shows how the Hex color EA108F looks on a white background.

## Color Contrast Check

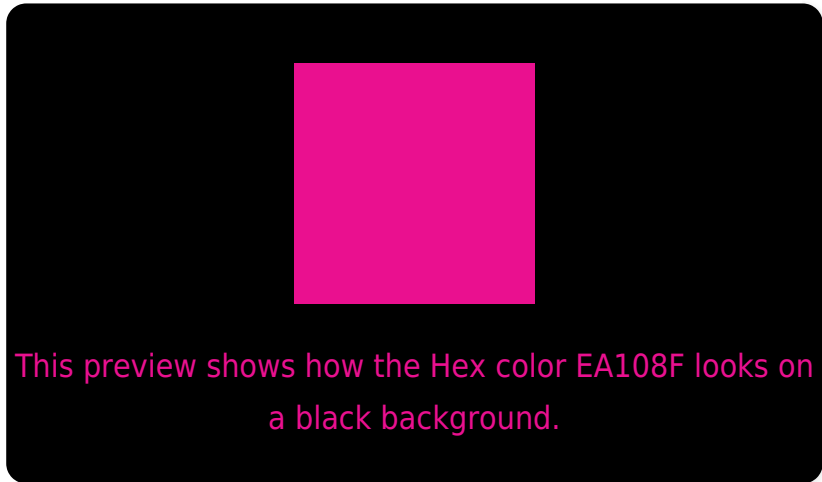
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA108F Background



This preview shows how black text looks on a background with the Hex color EA108F.



This preview shows how white text looks on a background with the Hex color EA108F.

# 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





# Trichromacy



**Original Color**  
EA108F



**Protanomaly**  
8F53B6



**Deuteranomaly**  
A95389

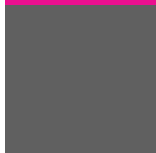


**Tritanomaly**  
E72B5A

# Monochromacy



**Original Color**  
EA108F



**Achromatopsia**  
606060



**Achromatomaly**  
924371

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA108F 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 #EA108F looks like.

```
.text, #text, p{  
    color:#EA108F  
}
```

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 #EA108F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA108F
}
```

## Border

The CSS property to change the border of an element to Hex EA108F 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
#EA108F }
```

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

```
.border{ border-color:#EA108F }
```

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

Here you see how a box with a 4 pixel #EA108F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA108F; -webkit-box-shadow:4px 4px  
4px 4px #EA108F; box-shadow:4px 4px 4px  
4px #EA108F }
```

# Background

The CSS property to change the background color of an element to Hex EA108F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA108F }
```

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

```
.background{ background-color:#EA108F }
```

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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