

# Converting Colors

Hex(E84892)

Have a look what the booklet for  
Hex(E84892) contains.

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**Color**

**Hex(E84892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E84892
RGB	232, 72, 146
RGB Percent	91%, 28%, 57%
CMY	0.0902, 0.7176, 0.4275
CMYK	0.00, 0.69, 0.37, 0.09
HSL	332°, 78%, 60%
HSV	332°, 69%, 91%
XYZ	40.7844, 23.8659, 29.6511
YIQ	128.2760, 71.6060, 56.9340

# Conversions

## Conversions Part 2

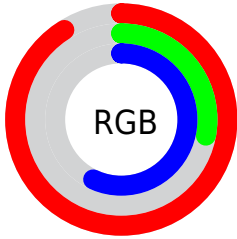
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 72, 146
Decimal	15222930
CIE <sub>Lab</sub>	55.95, 66.98, -5.58
CIE <sub>LCh</sub>	56, 67.216, 355.240
Yxy	23.8659, 0.4325, 0.2531
Android (android.graphics.Color)	4293413010 (0xFFE84892)
YUV	128.2760, 8.7379, 90.9659
Hunter-Lab	48.8527, 63.5275, -1.7892

# Details

The Hex color **E84892** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **48E89E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF83C8**, and **AC0060** is the 20% darker color. If you saturate the color by 10%, you get **E83186**, and if you desaturate by 10%, it is **E85F9E**.

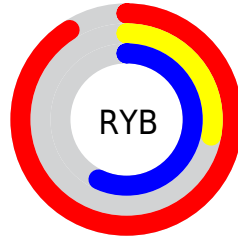
# Distribution



Red (91%)

Green (28%)

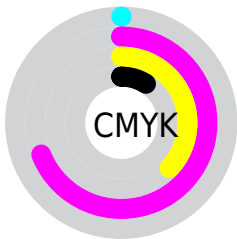
Blue (57%)



Red (91%)

Yellow (28%)

Blue (57%)

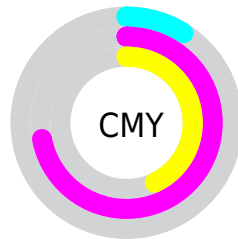


Cyan (0%)

Magenta (69%)

Yellow (37%)

Black (9%)



Cyan (9%)

Magenta (72%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E84892 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 E84892 by changing the saturation by 10% instead.



 E84892

 E84892

FFFFFF

 CA2678

 FF83C8

 AC0060

 FFA0E4

 8E0048

 FFBDFE

 710032

 FFDAFF

 54001D

 FFF8FF

 390002

 100000

 000000

 E84892

 E84892

 E83186

 E85F9E

 E81A79

 E876AB

 E8026D

 E88EB7

 E8006B

 E8A5C4

 E8BCD0

 E8D3DD

 E8EAE9

 E8FFF6

 E8FFFF

# Harmonies

## Analogous

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



C35ECA



E84892



EB4E58

# Triad

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



E84892



719100



009CE6

# Complementary

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



E84892



48E89E

# 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.



00A0B6



E84892



009B3F

# Square

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



E84892



A98000



00A07B



0090FB

# Rectangle

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



E84892



DE5F34



00A07B



009ED8



# Sweetspot

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



E84892



FFC9E2



9D48E8



80606E



000000



808080



# Same Dimension

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



E84892



FF2B8D



E84D48



73676D



B30053



330018



# Inverse Universe

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



E84892



FF2B8D



48E3E8



73676D



B30053



330018



# Previews

## White Background



This preview shows how the Hex color E84892 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 E84892 Background



This preview shows how black text looks on a background with the Hex color E84892.



This preview shows how white text looks on a background with the Hex color E84892.

# 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**  
E4565B

# Trichromacy



**Original Color**  
E84892



**Protanomaly**  
A06FAB



**Deuteranomaly**  
B16D8D



**Tritanomaly**  
E5516F

# Monochromacy



**Original Color**  
E84892



**Achromatopsia**  
808080



**Achromatomaly**  
A66C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E84892 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 #E84892 looks like.

```
.text, #text, p{  
    color:#E84892  
}
```

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 #E84892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E84892
}
```

## Border

The CSS property to change the border of an element to Hex E84892 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
#E84892 }
```

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

```
.border{ border-color:#E84892 }
```

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

Here you see how a box with a 4 pixel #E84892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E84892; -webkit-box-shadow:4px 4px  
4px 4px #E84892; box-shadow:4px 4px 4px  
4px #E84892 }
```

# Background

The CSS property to change the background color of an element to Hex E84892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E84892 }
```

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

```
.background{ background-color:#E84892 }
```

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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