

# Converting Colors

Hex(E871C2)

Have a look what the booklet for  
Hex(E871C2) contains.

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# **Color**

**Hex(E871C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E871C2
RGB	232, 113, 194
RGB Percent	91%, 44%, 76%
CMY	0.0902, 0.5569, 0.2392
CMYK	0.00, 0.51, 0.16, 0.09
HSL	319°, 72%, 68%
HSV	319°, 51%, 91%
XYZ	48.9214, 32.8611, 54.8033
YIQ	157.8150, 44.9230, 50.4190

# Conversions

## Conversions Part 2

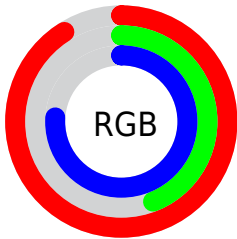
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 113, 194
Decimal	15233474
CIE Lab	64.05, 55.67, -21.08
CIE LCh	64, 59.525, 339.263
Yxy	32.8611, 0.3582, 0.2406
Android (android.graphics.Color)	4293423554 (0xFFE871C2)
YUV	157.8150, 17.8392, 65.0602
Hunter-Lab	57.3246, 52.0158, -16.5551

# Details

The Hex color **E871C2** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **71E897**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA8FB**, and **AE3A8C** is the 20% darker color. If you saturate the color by 10%, you get **E85ABB**, and if you desaturate by 10%, it is **E888C9**.

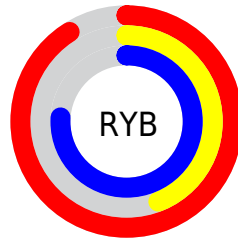
# Distribution



Red (91%)

Green (44%)

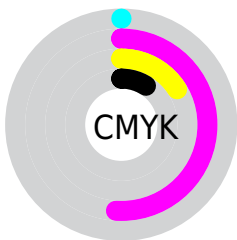
Blue (76%)



Red (91%)

Yellow (44%)

Blue (76%)

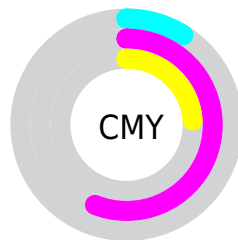


Cyan (0%)

Magenta (51%)

Yellow (16%)

Black (9%)



Cyan (9%)

Magenta (56%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E871C2 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 E871C2 by changing the saturation by 10% instead.



 E871C2

 E871C2

FFFFFF

 CB56A7

 FFA8FB

 AE3A8C

 FFC5FF

 911A73

 FFE2FF

 76005A

 5B0042

 41002C

 270017

 000000

 E871C2

 E871C2

 E85ABB

 E888C9

 E843B3

 E89FD1

 E82BAC

 E8B7D8

 E814A4

 E8CEE0

 E8009E

 E8E5E7

 E8FCEE

 E8FFF6

 E8FFFD

 E8FFFF

# Harmonies

## Analogous

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



B386EE



E871C2



FC6A8D

# Triad

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



E871C2



A89E27



00B3DD

# Complementary

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



E871C2



71E897

# 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.



00B5AB



E871C2



6FAB44

# Square

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



E871C2



D58B34



00B274



00ABFE

# Rectangle

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



E871C2



F9706A



00B274



00B4CE



# Sweetspot

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



E871C2



FFD9F3



9771E8



806978



000000



808080



# Same Dimension

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



E871C2



FF61CD



E87187



73676F



B30079



330023



# Inverse Universe

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



E871C2



FF61CD



71E8D2



73676F



B3007A



330023



# Previews

## White Background



This preview shows how the Hex color E871C2 looks on a white background.

## Color Contrast Check

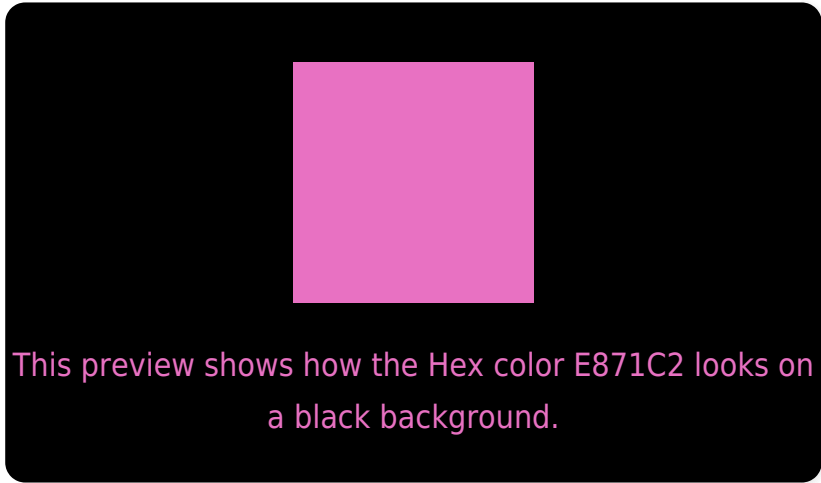
Large Text (above 18pt) WCAG AA × Fail

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

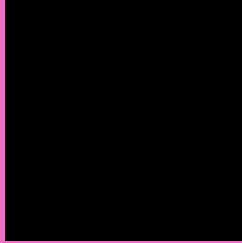
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E871C2 Background



This preview shows how black text looks on a background with the Hex color E871C2.

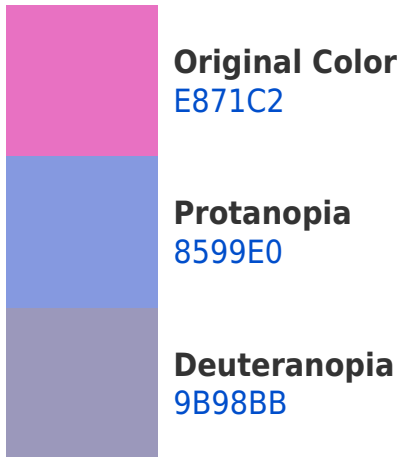


This preview shows how white text looks on a background with the Hex color E871C2.

# 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](#).

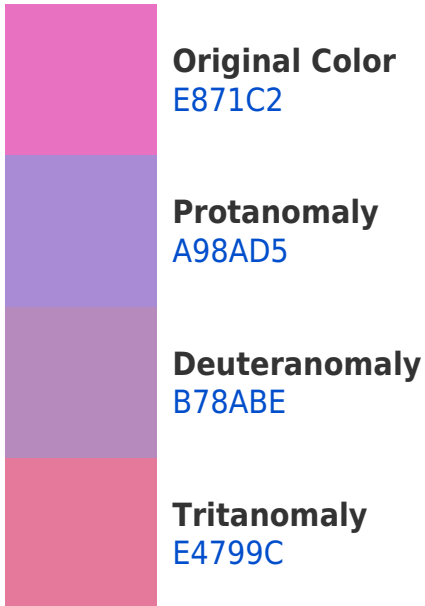
## Dichromacy





**Tritanopia**  
E27E87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E871C2 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 #E871C2 looks like.

```
.text, #text, p{  
    color:#E871C2  
}
```

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 #E871C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E871C2
}
```

## Border

The CSS property to change the border of an element to Hex E871C2 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
#E871C2 }
```

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

```
.border{ border-color:#E871C2 }
```

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

Here you see how a box with a 4 pixel #E871C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E871C2; -webkit-box-shadow:4px 4px  
4px 4px #E871C2; box-shadow:4px 4px 4px  
4px #E871C2 }
```

# Background

The CSS property to change the background color of an element to Hex E871C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E871C2 }
```

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

```
.background{ background-color:#E871C2 }
```

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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