

# Converting Colors

Hex(E842CA)

Have a look what the booklet for  
Hex(E842CA) contains.

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# Color

Hex(E842CA)

# Conversions

## Conversions Part 1

Format	Color
Hex	E842CA
RGB	232, 66, 202
RGB Percent	91%, 26%, 79%
CMY	0.0902, 0.7412, 0.2078
CMYK	0.00, 0.72, 0.13, 0.09
HSL	311°, 78%, 58%
HSV	311°, 72%, 91%
XYZ	45.8876, 25.3165, 58.3451
YIQ	131.1380, 55.2800, 77.4880

# Conversions

## Conversions Part 2

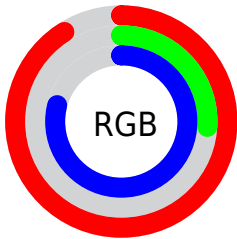
Format	Color
R <sub>Y</sub> B	232, 66, 202
Decimal	15221450
CIE Lab	57.38, 75.94, -35.93
CIE LCh	57, 84.009, 334.682
Yxy	25.3165, 0.3542, 0.1954
Android (android.graphics.Color)	4293411530 (0xFFE842CA)
YUV	131.1380, 34.9350, 88.4560
Hunter-Lab	50.3155, 74.7393, -33.5310

# Details

The Hex color **E842CA** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **42E860**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF80FF**, and **AC0093** is the 20% darker color. If you saturate the color by 10%, you get **E82BC6**, and if you desaturate by 10%, it is **E859CE**.

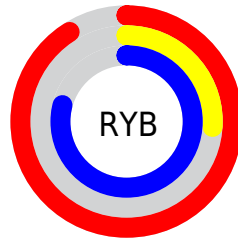
# Distribution



Red (91%)

Green (26%)

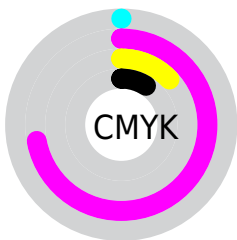
Blue (79%)



Red (91%)

Yellow (26%)

Blue (79%)

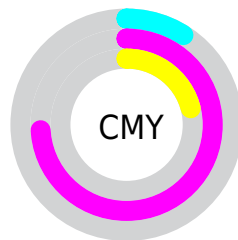


Cyan (0%)

Magenta (72%)

Yellow (13%)

Black (9%)



Cyan (9%)

Magenta (74%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E842CA 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 E842CA by changing the saturation by 10% instead.



 E842CA

 E842CA

FFFFFF

 CA19AE

 FF80FF

 AC0093

 FF9DFF

 8F0079

 FFBBFF

 720060

 FFD8FF

 560048

 FFF7FF

 3C0031

 1D001B

 000000

 E842CA

 E842CA

 E82BC6

 E859CE

 E814C2

 E870D2

 E800BE

 E888D7

 E89FDB

 E8B6DF

 E8CDE3

 E8E4E7

 E8FCEC

 E8FFF0

# Harmonies

## Analogous

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



9370FF



E842CA



FF1E82

# Triad

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



E842CA



9D8B00



00A8DC

# Complementary

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



E842CA



42E860

# 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.



00A994



E842CA



4D9C00

# Square

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



E842CA



D76D00



00A546



00A2FF

# Rectangle

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



E842CA



FF3352



00A546



00A9C5



# Sweetspot

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



E842CA



FFC9F5



5E42E8



80607A



000000



808080



# Same Dimension

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



E842CA



FF24D7



E84279



736771



B30092



33002A



# Inverse Universe

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



E842CA



FF24D7



42E8B1



736771



B30092



33002A



# Previews

## White Background



This preview shows how the Hex color E842CA looks on a white background.

## Color Contrast Check

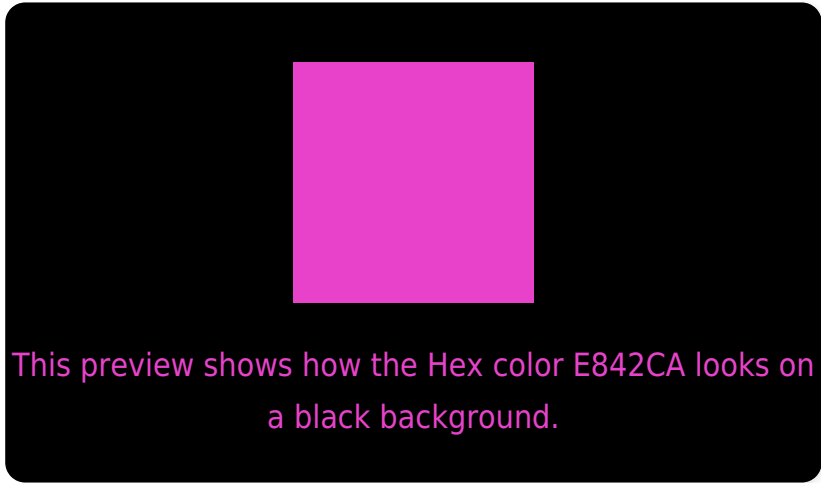
Large Text (above 18pt) WCAG AA ✓ Pass

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 E842CA Background



This preview shows how black text looks on a background with the Hex color E842CA.




This preview shows how white text looks on a background with the Hex color E842CA.

# 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**  
DE6168

# Trichromacy



**Original Color**  
E842CA



**Protanomaly**  
856DEC



**Deuteranomaly**  
A16FC4



**Tritanomaly**  
E2568C

# Monochromacy



**Original Color**  
E842CA



**Achromatopsia**  
838383



**Achromatomaly**  
A86B9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E842CA 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 #E842CA looks like.

```
.text, #text, p{  
    color:#E842CA  
}
```

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 #E842CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E842CA
}
```

## Border

The CSS property to change the border of an element to Hex E842CA 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
#E842CA }
```

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

```
.border{ border-color:#E842CA }
```

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

Here you see how a box with a 4 pixel #E842CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E842CA; -webkit-box-shadow:4px 4px  
4px 4px #E842CA; box-shadow:4px 4px 4px  
4px #E842CA }
```

# Background

The CSS property to change the background color of an element to Hex E842CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E842CA }
```

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

```
.background{ background-color:#E842CA }
```

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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