

Converting Colors

Hex(E842A4)

Have a look what the booklet for
Hex(E842A4) contains.

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Color

Hex(E842A4)

Conversions

Conversions Part 1

Format	Color
Hex	E842A4
RGB	232, 66, 164
RGB Percent	91%, 26%, 64%
CMY	0.0902, 0.7412, 0.3569
CMYK	0.00, 0.72, 0.29, 0.09
HSL	325°, 78%, 58%
HSV	325°, 72%, 91%
XYZ	41.9278, 23.7326, 37.4930
YIQ	126.8060, 67.4780, 65.6700

Conversions

Conversions Part 2

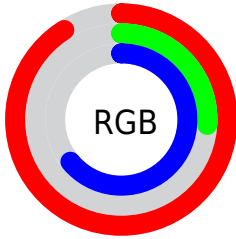
Format	Color
R _Y B	232, 66, 164
Decimal	15221412
CIE Lab	55.82, 71.05, -16.36
CIE LCh	56, 72.913, 347.037
Yxy	23.7326, 0.4065, 0.2301
Android (android.graphics.Color)	4293411492 (0xFFE842A4)
YUV	126.8060, 18.3366, 92.2551
Hunter-Lab	48.7161, 68.3739, -11.5296

Details

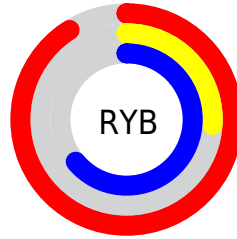
The Hex color **E842A4** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **42E886**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7FDB**, and **AC0070** is the 20% darker color. If you saturate the color by 10%, you get **E82B9A**, and if you desaturate by 10%, it is **E859AE**.

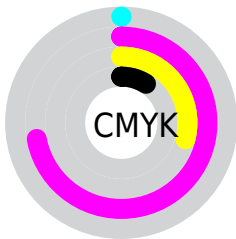
Distribution



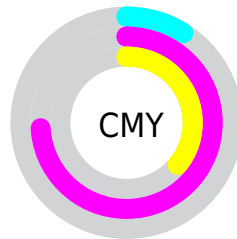
- Red (91%)
- Green (26%)
- Blue (64%)



- Red (91%)
- Yellow (26%)
- Blue (64%)



- Cyan (0%)
- Magenta (72%)
- Yellow (29%)
- Black (9%)



- Cyan (9%)
- Magenta (74%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color E842A4 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 E842A4 by changing the saturation by 10% instead.

 E842A4

 E842A4

FFFFFF

 CA1B8A

 FF7FDB

 AC0070

 FF9CF8

 8E0058

 FFB9FF

 710040

 FFD7FF

 55002A

 FFF5FF

 390015

 160000

 000000

 E842A4

 E842A4

 E82B9A

 E859AE

 E81491

 E870B7

 E80089

 E888C1

 E89FCA

 E8B6D4

 E8CDDD

 E8E4E7

 E8FCF0

 E8FFFA

Harmonies

Analogous

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



B462DD



E842A4



F43F65

Triad

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



E842A4



808E00



009FE2

Complementary

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



E842A4



42E886

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.



00A2A9



E842A4



299A24

Square

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



E842A4



B87900



00A067



0095FF

Rectangle

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



E842A4



EA513D



00A067



00A1D1

Sweetspot

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



E842A4



FFC9E9



8442E8



806072



000000



808080

Same Dimension

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



E842A4



FF24A5



E84253



73676E



B30069



33001E

Inverse Universe

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



E842A4



FF24A5



42E8D7



73676E



B30069



33001E

Previews

White Background



This preview shows how the Hex color E842A4 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 E842A4 Background



This preview shows how black text looks on a background with the Hex color E842A4.

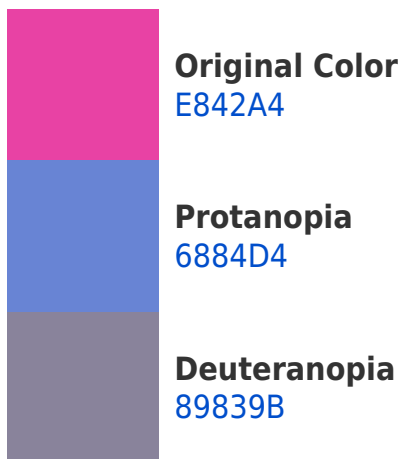



This preview shows how white text looks on a background with the Hex color E842A4.

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
E2565C

Trichromacy



Original Color
E842A4



Protanomaly
976CC3



Deuteranomaly
AC6B9E



Tritanomaly
E44F76

Monochromacy



Original Color
E842A4



Achromatopsia
7F7F7F



Achromatomaly
A5698C

CSS Examples

Text

The CSS property to change the color of the text to Hex E842A4 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 #E842A4 looks like.

```
.text, #text, p{  
  color:#E842A4  
}
```

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 #E842A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E842A4
}
```

Border

The CSS property to change the border of an element to Hex E842A4 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
#E842A4 }
```

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

```
.border{ border-color:#E842A4 }
```

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

Here you see how a box with a 4 pixel #E842A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E842A4; -webkit-box-shadow:4px 4px  
4px 4px #E842A4; box-shadow:4px 4px 4px  
4px #E842A4 }
```

Background

The CSS property to change the background color of an element to Hex E842A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E842A4 }
```

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

```
.background{ background-color:#E842A4 }
```

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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