

Converting Colors

Hex(E82AC0)

Have a look what the booklet for
Hex(E82AC0) contains.

Hex(E82AC0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E82AC0)

Conversions

Conversions Part 1

Format	Color
Hex	E82AC0
RGB	232, 42, 192
RGB Percent	91%, 16%, 75%
CMY	0.0902, 0.8353, 0.2471
CMYK	0.00, 0.82, 0.17, 0.09
HSL	313°, 81%, 54%
HSV	313°, 82%, 91%
XYZ	43.6211, 22.6175, 51.9357
YIQ	115.9100, 65.0900, 86.9300

Conversions

Conversions Part 2

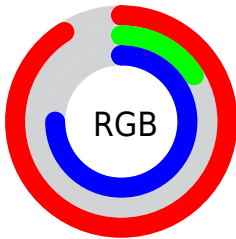
Format	Color
RYB	232, 42, 192
Decimal	15215296
CIELab	54.68, 81.04, -34.41
CIElCh	55, 88.041, 336.993
Yxy	22.6175, 0.3691, 0.1914
Android (android.graphics.Color)	4293405376 (0xFFE82AC0)
YUV	115.9100, 37.5124, 101.8109
Hunter-Lab	47.5579, 80.4978, -31.4573

Details

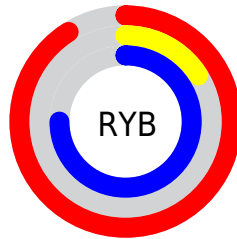
The Hex color **E82AC0** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **2AE852**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF70F9**, and **AC008A** is the 20% darker color. If you saturate the color by 10%, you get **E813BB**, and if you desaturate by 10%, it is **E841C5**.

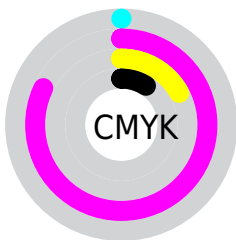
Distribution



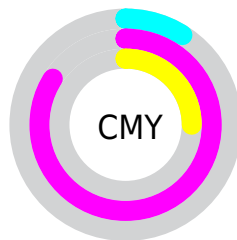
- Red (91%)
- Green (16%)
- Blue (75%)



- Red (91%)
- Yellow (16%)
- Blue (75%)



- Cyan (0%)
- Magenta (82%)
- Yellow (17%)
- Black (9%)



- Cyan (9%)
- Magenta (84%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color E82AC0 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 E82AC0 by changing the saturation by 10% instead.

 E82AC0

 E82AC0

FFFFFF

 CA00A5

 FF70F9

 AC008A

 FF8EFF

 8E0070

 FFACFF

 710057

 FFCAFF

 550040

 FFE8FF

 390029

 180012

 000000

 E82AC0

 E82AC0

 E813BB

 E841C5

 E800B7

 E858CA

 E870CF

 E887D4

 E89ED8

 E8B5DD

 E8CCE2

 E8E4E7

 E8FBEC

Harmonies

Analogous

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



9464FE



E82AC0



FF0075

Triad

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



E82AC0



8F8600



00A2DE

Complementary

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



E82AC0



2AE852

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.



00A293



E82AC0



359700

Square

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



E82AC0



CD6800



009F42



009BFF

Rectangle

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



E82AC0



FF1E43



009F42



00A2C7

Sweetspot

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



E82AC0



FFBFF2



502AE8



805977



000000



808080

Same Dimension

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



E82AC0



FF05CA



E82A63



736770



B3008D



330028

Inverse Universe

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



E82AC0



FF05CA



2AE8AF



736770



B3008D



330028

Previews

White Background



This preview shows how the Hex color E82AC0 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 E82AC0 Background



This preview shows how black text looks on a background with the Hex color E82AC0.

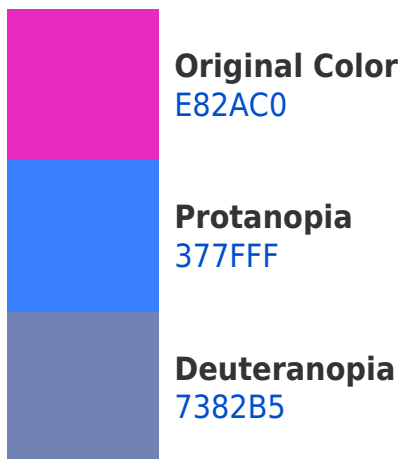


This preview shows how white text looks on a background with the Hex color E82AC0.

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
E82AC0



Protanomaly
7760E8



Deuteranomaly
9E62B9



Tritanomaly
E2447E

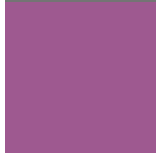
Monochromacy



Original Color
E82AC0



Achromatopsia
747474



Achromatomaly
9E5990

CSS Examples

Text

The CSS property to change the color of the text to Hex E82AC0 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 #E82AC0 looks like.

```
.text, #text, p{  
    color:#E82AC0  
}
```

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 #E82AC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E82AC0
}
```

Border

The CSS property to change the border of an element to Hex E82AC0 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
#E82AC0 }
```

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

```
.border{ border-color:#E82AC0 }
```

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

Here you see how a box with a 4 pixel #E82AC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E82AC0; -webkit-box-shadow:4px 4px  
4px 4px #E82AC0; box-shadow:4px 4px 4px  
4px #E82AC0 }
```

Background

The CSS property to change the background color of an element to Hex E82AC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E82AC0 }
```

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

```
.background{ background-color:#E82AC0 }
```

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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