

# Converting Colors

Hex(E840B1)

Have a look what the booklet for  
Hex(E840B1) contains.

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# Color

**Hex(E840B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E840B1
RGB	232, 64, 177
RGB Percent	91%, 25%, 69%
CMY	0.0902, 0.7490, 0.3059
CMYK	0.00, 0.72, 0.24, 0.09
HSL	320°, 79%, 58%
HSV	320°, 72%, 91%
XYZ	43.0479, 23.9969, 43.9580
YIQ	127.1140, 63.8550, 70.7590

# Conversions

## Conversions Part 2

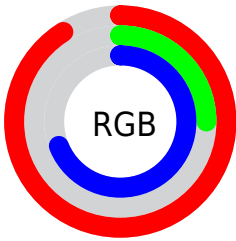
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">232, 64, 177</a>
Decimal	<a href="#">15220913</a>
CIELab	<a href="#">56.08, 73.27, -23.53</a>
CIELCh	<a href="#">56, 76.956, 342.194</a>
Yxy	<a href="#">23.9969, 0.3878, 0.2162</a>
Android (android.graphics.Color)	<a href="#">4293410993 (0xFFE840B1)</a>
YUV	<a href="#">127.1140, 24.5938, 91.9850</a>
Hunter-Lab	<a href="#">48.9867, 71.1335, -18.9130</a>

# Details

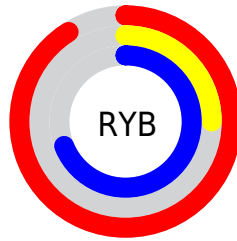
The Hex color **E840B1** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **40E877**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7DE9**, and **AC007C** is the 20% darker color. If you saturate the color by 10%, you get **E829A9**, and if you desaturate by 10%, it is **E857B9**.

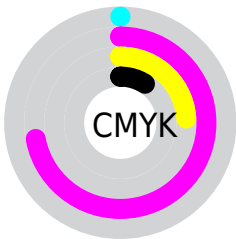
# Distribution



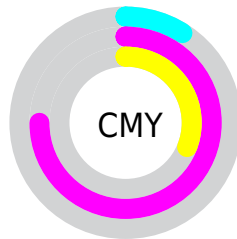
- Red (91%)
- Green (25%)
- Blue (69%)



- Red (91%)
- Yellow (25%)
- Blue (69%)



- Cyan (0%)
- Magenta (72%)
- Yellow (24%)
- Black (9%)



- Cyan (9%)
- Magenta (75%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E840B1 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 E840B1 by changing the saturation by 10% instead.



 E840B1

 E840B1

FFFFFF

 CA1796

 FF7DE9

 AC007C

 FF9BFF

 8F0063

 FFB8FF

 72004B

 FFD6FF

 550034

 FFF4FF

 3A001F

 1A0001

 000000

 E840B1

 E840B1

 E829A9

 E857B9

 E812A2

 E86EC0

 E8009C

 E886C8

 E89DCF

 E8B4D7

 E8CBDF

 E8E2E6

 E8FAEE

 E8FFF5

# Harmonies

## Analogous

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



AA66EB



E840B1



FB346E

# Triad

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



E840B1



8A8C00



00A2E0

# Complementary

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



E840B1



40E877

# 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.



00A4A1



E840B1



379A07

# Square

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



E840B1



C27400



00A15B



0099FF

# Rectangle

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



E840B1



F34743



00A15B



00A3CC



# Sweetspot

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



E840B1



FFC7ED



7540E8



805E75



000000



808080



# Same Dimension

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



E840B1



FF21B6



E8405F



73676F



B30078



330022



# Inverse Universe

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



E840B1



FF21B6



40E8C9



73676F



B30078



330022



# Previews

## White Background



This preview shows how the Hex color E840B1 looks on a white background.

## Color Contrast Check

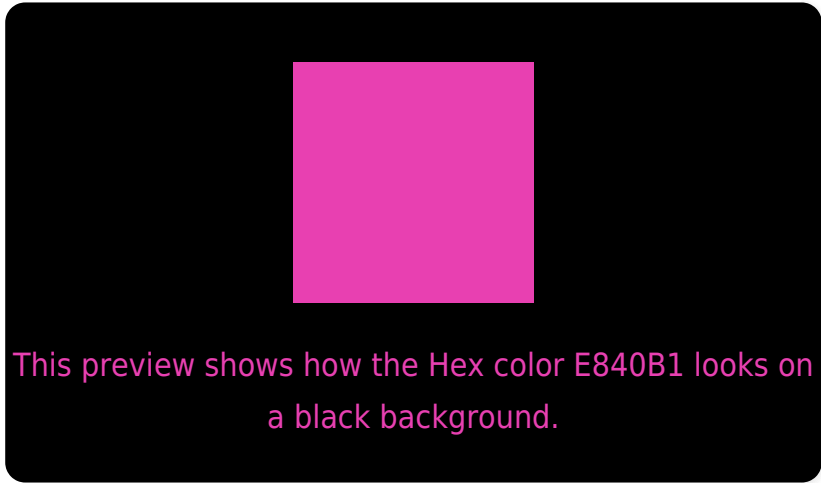
Large Text (above 18pt) WCAG AA ✓ Pass

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 E840B1 Background



This preview shows how black text looks on a background with the Hex color E840B1.



This preview shows how white text looks on a background with the Hex color E840B1.

# Color Blindness Simulation

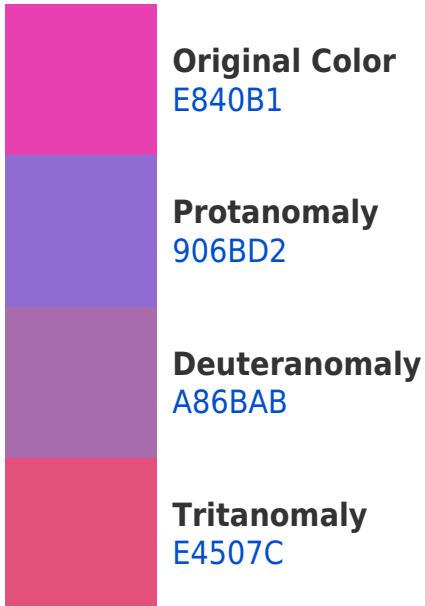
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

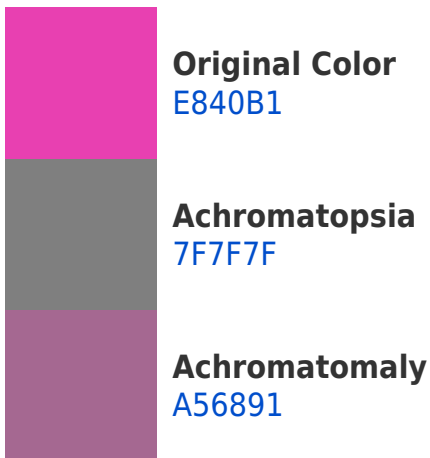




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E840B1 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 #E840B1 looks like.

```
.text, #text, p{  
  color:#E840B1  
}
```

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 #E840B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E840B1
}
```

## Border

The CSS property to change the border of an element to Hex E840B1 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
#E840B1 }
```

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

```
.border{ border-color:#E840B1 }
```

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

Here you see how a box with a 4 pixel #E840B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E840B1; -webkit-box-shadow:4px 4px  
4px 4px #E840B1; box-shadow:4px 4px 4px  
4px #E840B1 }
```

# Background

The CSS property to change the background color of an element to Hex E840B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E840B1 }
```

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

```
.background{ background-color:#E840B1 }
```

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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