

# Converting Colors

Hex(E137A9)

Have a look what the booklet for  
Hex(E137A9) contains.

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**Color**

**Hex(E137A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E137A9
RGB	225, 55, 169
RGB Percent	88%, 22%, 66%
CMY	0.1176, 0.7843, 0.3373
CMYK	0.00, 0.76, 0.25, 0.12
HSL	320°, 74%, 55%
HSV	320°, 76%, 88%
XYZ	39.5790, 21.6045, 39.6202
YIQ	118.8260, 64.7260, 71.4940

# Conversions

## Conversions Part 2

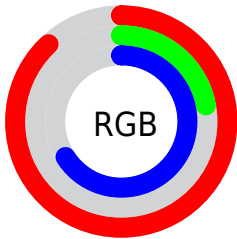
Format	Color
R <sub>YB</sub>	225, 55, 169
Decimal	14759849
CIE <sub>Lab</sub>	53.60, 73.35, -22.78
CIE <sub>LCh</sub>	54, 76.809, 342.750
Yxy	21.6045, 0.3926, 0.2143
Android (android.graphics.Color)	4292949929 (0xFFE137A9)
YUV	118.8260, 24.7358, 93.1146
Hunter-Lab	46.4806, 70.6543, -18.0024

# Details

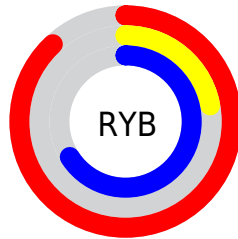
The Hex color **E137A9** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **37E16F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF76E0**, and **A50075** is the 20% darker color. If you saturate the color by 10%, you get **E120A2**, and if you desaturate by 10%, it is **E14EB0**.

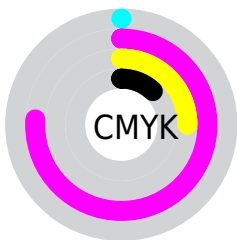
# Distribution



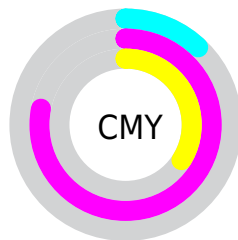
- Red (88%)
- Green (22%)
- Blue (66%)



- Red (88%)
- Yellow (22%)
- Blue (66%)



- Cyan (0%)
- Magenta (76%)
- Yellow (25%)
- Black (12%)




- Cyan (12%)
- Magenta (78%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E137A9 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 E137A9 by changing the saturation by 10% instead.



 E137A9

 E137A9

FFFFFF

 C3018E

 FF76E0

 A50075

 FF93FD

 88005C

 FFB1FF

 6B0044

 FFCEFF

 4F002E


 FFECFF

 330018

 070000

 000000

 E137A9

 E137A9

 E120A2

 E14EB0

 E10A9A

 E164B8

 E10097

 E17BBF

 E191C7

 E1A8CE

 E1BED5

 E1D4DD

 E1EBE4

 E1FFEC

# Harmonies

## Analogous

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



A45FE2



E137A9



F32A67

# Triad

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



E137A9



818600



009BD9

# Complementary

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



E137A9



37E16F

# 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.



009D9C



E137A9



2D9400

# Square

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



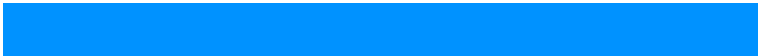
E137A9



BA6F00



009A56



0092FF

# Rectangle

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



E137A9



EB403D



009A56



009CC7



# Sweetspot

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



E137A9



FFC4EC



6D37E1



805C74



000000



808080



# Same Dimension

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



E137A9



FF17B3



E13756



70656D



B00076



300020



# Inverse Universe

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



E137A9



FF17B3



37E1C2



70656D



B00076



300020



# Previews

## White Background



This preview shows how the Hex color E137A9 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 E137A9 Background



This preview shows how black text looks on a background with the Hex color E137A9.

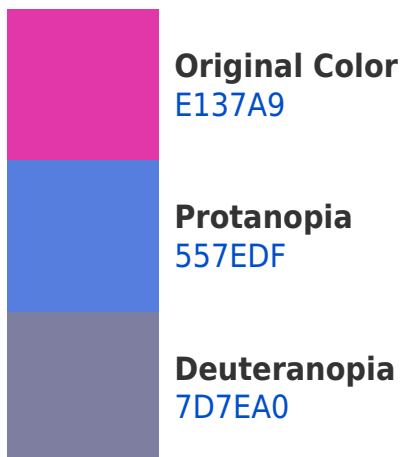


This preview shows how white text looks on a background with the Hex color E137A9.

# 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**  
E137A9



**Protanomaly**  
8864CB



**Deuteranomaly**  
A164A3



**Tritanomaly**  
DD4874

# Monochromacy



**Original Color**  
E137A9



**Achromatopsia**  
777777



**Achromatomaly**  
9E6089

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E137A9 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 #E137A9 looks like.

```
.text, #text, p{  
    color:#E137A9  
}
```

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 #E137A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E137A9
}
```

## Border

The CSS property to change the border of an element to Hex E137A9 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
#E137A9 }
```

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

```
.border{ border-color:#E137A9 }
```

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

Here you see how a box with a 4 pixel #E137A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E137A9; -webkit-box-shadow:4px 4px  
4px 4px #E137A9; box-shadow:4px 4px 4px  
4px #E137A9 }
```

# Background

The CSS property to change the background color of an element to Hex E137A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E137A9 }
```

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

```
.background{ background-color:#E137A9 }
```

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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