

# Converting Colors

Hex(E13AC9)

Have a look what the booklet for  
Hex(E13AC9) contains.

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# Color

Hex(E13AC9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E13AC9
RGB	225, 58, 201
RGB Percent	88%, 23%, 79%
CMY	0.1176, 0.7725, 0.2118
CMYK	0.00, 0.74, 0.11, 0.12
HSL	309°, 74%, 55%
HSV	309°, 74%, 88%
XYZ	43.1070, 23.2507, 57.4742
YIQ	124.2350, 53.6290, 79.8770

# Conversions

## Conversions Part 2

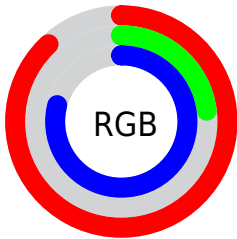
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	225, 58, 201
Decimal	14760649
CIE <sub>Lab</sub>	55.33, 76.70, -38.65
CIE <sub>LCh</sub>	55, 85.889, 333.254
Y <sub>xy</sub>	23.2507, 0.3481, 0.1878
Android (android.graphics.Color)	4292950729 (0xFFE13AC9)
YUV	124.2350, 37.8451, 88.3709
Hunter-Lab	48.2190, 75.1929, -36.9169

# Details

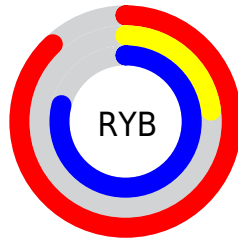
The Hex color **E13AC9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **3AE152**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF79FF**, and **A60092** is the 20% darker color. If you saturate the color by 10%, you get **E123C6**, and if you desaturate by 10%, it is **E151CC**.

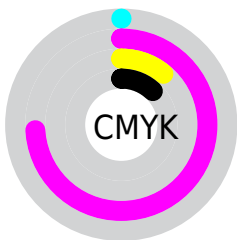
# Distribution



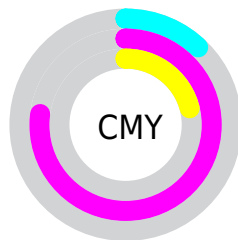
- Red (88%)
- Green (23%)
- Blue (79%)



- Red (88%)
- Yellow (23%)
- Blue (79%)



- Cyan (0%)
- Magenta (74%)
- Yellow (11%)
- Black (12%)




- Cyan (12%)
- Magenta (77%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E13AC9 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 E13AC9 by changing the saturation by 10% instead.



 E13AC9

 E13AC9

FFFFFF

 C306AD

 FF79FF

 A60092

 FF97FF

 890078

 FFB4FF

 6C005F

 FFD2FF


 500047

 FFF0FF

 350030

 12001A

 000000

 E13AC9

 E13AC9

 E123C6

 E151CC

 E10DC3

 E167CF

 E100C1

 E17DD3

 E194D6

 E1AAD9

 E1C1DC

 E1D7E0

 E1EEE3

 E1FFE6

# Harmonies

## Analogous

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



866CFF



E13AC9



FF0080

# Triad

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



E13AC9



9A8400



00A3D5

# Complementary

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



E13AC9



3AE152

# 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.



00A38B



E13AC9



4A9600

# Square

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



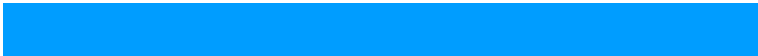
E13AC9



D46500



009F3B



009DFF

# Rectangle

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



E13AC9



FF214F



009F3B



00A4BE



# Sweetspot

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



E13AC9



FFC7F7



503AE1



805E7B



000000



808080



# Same Dimension

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



E13AC9



FF1CDE



E13A77



70656F



B00097



300029



# Inverse Universe

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



E13AC9



FF1CDE



3AE1A4



70656F



B00097



300029



# Previews

## White Background



This preview shows how the Hex color E13AC9 looks on a white background.

## Color Contrast Check

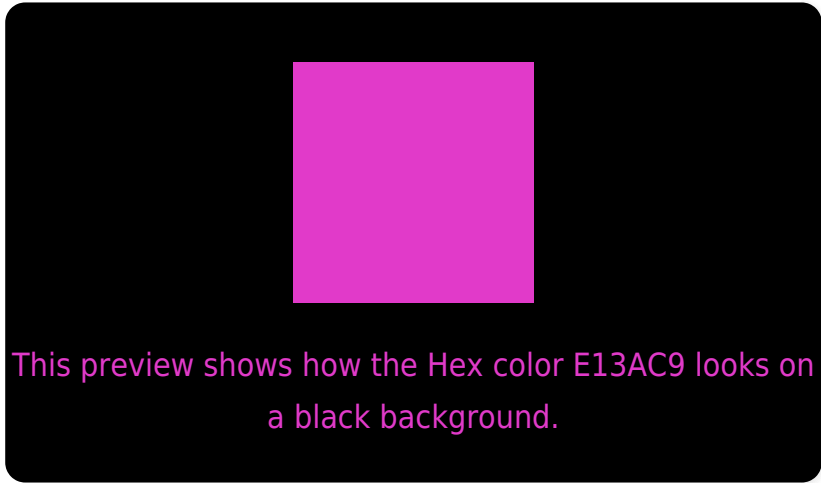
Large Text (above 18pt) WCAG AA ✓ Pass

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

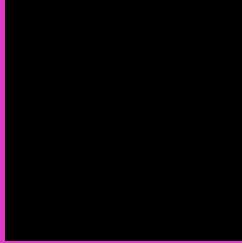
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E13AC9 Background



This preview shows how black text looks on a background with the Hex color E13AC9.



This preview shows how white text looks on a background with the Hex color E13AC9.

# 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



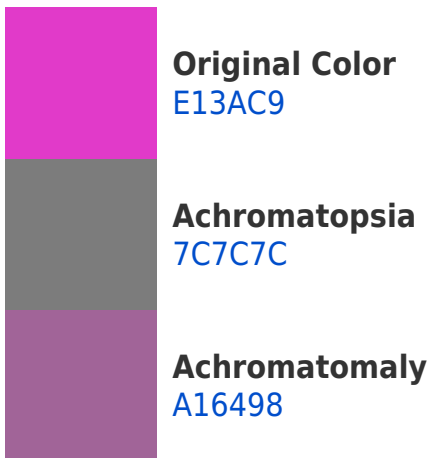


**Tritanopia**  
D75D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E13AC9 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 #E13AC9 looks like.

```
.text, #text, p{  
    color:#E13AC9  
}
```

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 #E13AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E13AC9
}
```

## Border

The CSS property to change the border of an element to Hex E13AC9 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
#E13AC9 }
```

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

```
.border{ border-color:#E13AC9 }
```

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

Here you see how a box with a 4 pixel #E13AC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E13AC9; -webkit-box-shadow:4px 4px  
4px 4px #E13AC9; box-shadow:4px 4px 4px  
4px #E13AC9 }
```

# Background

The CSS property to change the background color of an element to Hex E13AC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E13AC9 }
```

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

```
.background{ background-color:#E13AC9 }
```

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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