

# Converting Colors

Hex(E345B9)

Have a look what the booklet for  
Hex(E345B9) contains.

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# **Color**

**Hex(E345B9)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E345B9                     |
| RGB           | 227, 69, 185               |
| RGB Percent   | 89%, 27%, 73%              |
| CMY           | 0.1098, 0.7294, 0.2745     |
| CMYK          | 0.00, 0.70, 0.19, 0.11     |
| HSL           | 316°, 74%, 58%             |
| HSV           | 316°, 70%, 89%             |
| XYZ           | 42.5636, 24.0899, 48.3054  |
| YIQ           | 129.4660, 56.9320, 69.5720 |

# Conversions

## Conversions Part 2

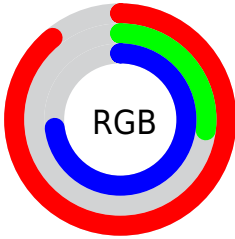
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 227, 69, 185                  |
| Decimal                             | 14894521                      |
| CIE Lab                             | 56.18, 71.42, -28.09          |
| CIE LCh                             | 56, 76.749, 338.529           |
| Yxy                                 | 24.0899, 0.3703,<br>0.2096    |
| Android<br>(android.graphics.Color) | 4293084601<br>(0xFFE345B9)    |
| YUV                                 | 129.4660, 27.3783,<br>85.5373 |
| Hunter-Lab                          | 49.0815, 68.9032,<br>-23.9955 |

# Details

The Hex color **E345B9** 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 **45E36F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF81F1**, and **A80084** is the 20% darker color. If you saturate the color by 10%, you get **E32EB3**, and if you desaturate by 10%, it is **E35CBF**.

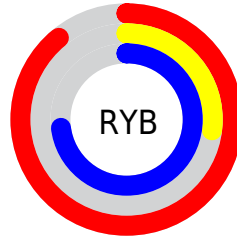
# Distribution



Red (89%)

Green (27%)

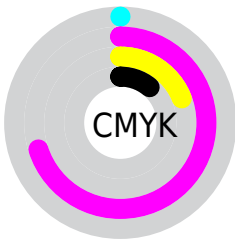
Blue (73%)



Red (89%)

Yellow (27%)

Blue (73%)

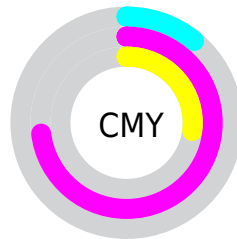


Cyan (0%)

Magenta (70%)

Yellow (19%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E345B9 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 E345B9 by changing the saturation by 10% instead.



 E345B9

 E345B9

FFFFFF

 C5209E

 FF81F1

 A80084

 FF9EFF

 8B006A

 FFBBFF

 6E0052

 FFD9FF

 52003A

 FFF7FF

 370024

 16000B

 000000

 E345B9

 E345B9

 E32EB3

 E35CBF

 E318AD

 E372C5

 E301A7

 E389CB

 E300A7

 E3A0D1

 E3B6D7

 E3CDDD

 E3E4E3

 E3FBE9

 E3FFEF

# Harmonies

## Analogous

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



9E6BF0



E345B9



FA3377

# Triad

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



E345B9



928A00



00A3D9

# Complementary

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



E345B9



45E36F

# 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.



00A499



E345B9



469900

# Square

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



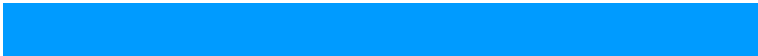
E345B9



C97100



00A152



009BFF

# Rectangle

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



E345B9



F6434B



00A152



00A4C5



# Sweetspot

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



E345B9



FFC9F1



6C45E3



806077



000000



808080



# Same Dimension

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



E345B9



FF29C6



E3456C



736770



B30083



330025



# Inverse Universe

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



E345B9



FF29C6



45E3BB



736770



B30083



330025



# Previews

## White Background



This preview shows how the Hex color E345B9 looks on a white background.

## Color Contrast Check

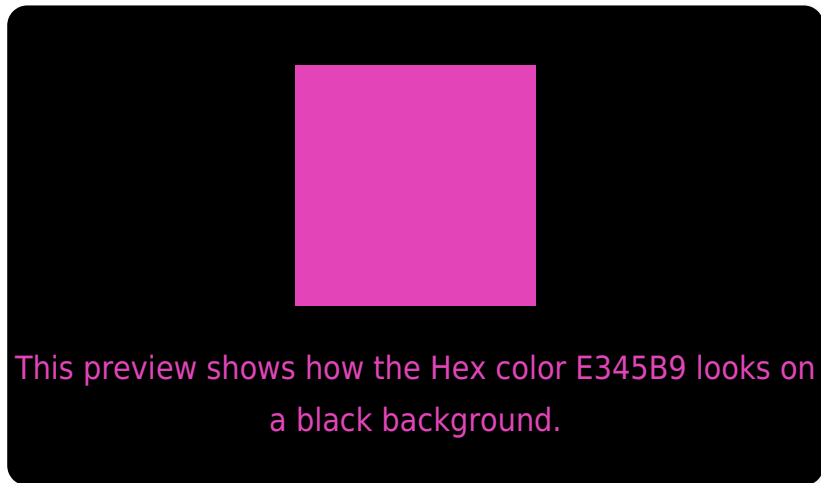
Large Text (above 18pt) WCAG AA ✓ Pass

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 E345B9 Background



This preview shows how black text looks on a background with the Hex color E345B9.




This preview shows how white text looks on a background with the Hex color E345B9.

# 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**  
DB5E64

# Trichromacy



**Original Color**  
E345B9



**Protanomaly**  
8B6DD9



**Deuteranomaly**  
A36EB3



**Tritanomaly**  
DE5583

# Monochromacy



**Original Color**  
E345B9



**Achromatopsia**  
818181



**Achromatomaly**  
A56B95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E345B9 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 #E345B9 looks like.

```
.text, #text, p{  
    color:#E345B9  
}
```

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 #E345B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E345B9
}
```

## Border

The CSS property to change the border of an element to Hex E345B9 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
#E345B9 }
```

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

```
.border{ border-color:#E345B9 }
```

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

Here you see how a box with a 4 pixel #E345B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E345B9; -webkit-box-shadow:4px 4px  
4px 4px #E345B9; box-shadow:4px 4px 4px  
4px #E345B9 }
```

# Background

The CSS property to change the background color of an element to Hex E345B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E345B9 }
```

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

```
.background{ background-color:#E345B9 }
```

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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