

# Converting Colors

Hex(E344AB)

Have a look what the booklet for  
Hex(E344AB) contains.

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**Color**

**Hex(E344AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E344AB
RGB	227, 68, 171
RGB Percent	89%, 27%, 67%
CMY	0.1098, 0.7333, 0.3294
CMYK	0.00, 0.70, 0.25, 0.11
HSL	321°, 74%, 58%
HSV	321°, 70%, 89%
XYZ	41.0964, 23.4054, 40.8798
YIQ	127.2830, 61.7010, 65.7410

# Conversions

## Conversions Part 2

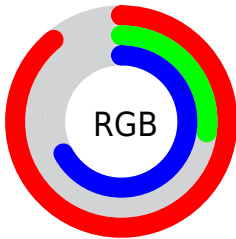
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 68, 171
Decimal	14894251
CIE <sub>Lab</sub>	55.49, 69.95, -21.03
CIE <sub>LCh</sub>	55, 73.043, 343.269
Yxy	23.4054, 0.3900, 0.2221
Android (android.graphics.Color)	4293084331 (0xFFE344AB)
YUV	127.2830, 21.5525, 87.4518
Hunter-Lab	48.3791, 66.9659, -16.2339

# Details

The Hex color **E344AB** 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 **44E37C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF80E2**, and **A70077** is the 20% darker color. If you saturate the color by 10%, you get **E32DA3**, and if you desaturate by 10%, it is **E35BB3**.

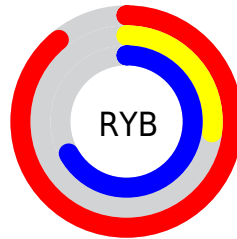
# Distribution



Red (89%)

Green (27%)

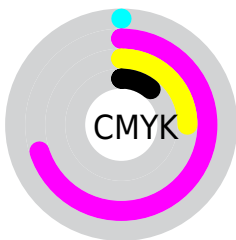
Blue (67%)



Red (89%)

Yellow (27%)

Blue (67%)

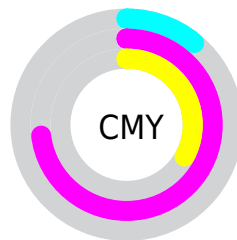


Cyan (0%)

Magenta (70%)

Yellow (25%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E344AB 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 E344AB by changing the saturation by 10% instead.



 E344AB

 E344AB

FFFFFF

 C51F90

 FF80E2

 A70077

 FF9DFF

 8A005E

 FFBAFF

 6E0046

 FFD7FF

 51002F

 FFF5FF

 36001A

 120000

 000000

 E344AB

 E344AB

 E32DA3

 E35BB3

 E3179B

 E371BB

 E30093

 E388C3

 E39FCB

 E3B5D3

 E3CCDB

 E3E3E3

 E3FAEB

 E3FFF3

# Harmonies

## Analogous

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



AA65E2



E344AB



F43B6C

# Triad

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



E344AB



868B00



009FDB

# Complementary

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



E344AB



44E37C

# 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.



00A1A0



E344AB



399818

# Square

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



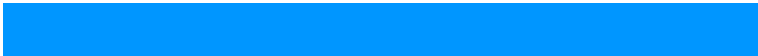
E344AB



BD7500



009F5E



0096FF

# Rectangle

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



E344AB



EC4C43



009F5E



00A0C9



# Sweetspot

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



E344AB



FFC9EC



7C44E3



806074



000000



808080



# Same Dimension

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



E344AB



FF29B4



E3445C



73676F



B30074



330021



# Inverse Universe

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



E344AB



FF29B4



44E3CB



73676F



B30074



330021



# Previews

## White Background



This preview shows how the Hex color E344AB 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 E344AB Background



This preview shows how black text looks on a background with the Hex color E344AB.

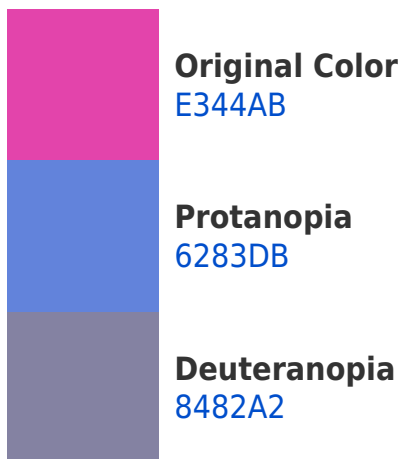


This preview shows how white text looks on a background with the Hex color E344AB.

# 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**  
E344AB



**Protanomaly**  
916CCA



**Deuteranomaly**  
A76BA5



**Tritanomaly**  
DF517B

# Monochromacy



**Original Color**  
E344AB



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
A36A8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E344AB 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 #E344AB looks like.

```
.text, #text, p{  
  color:#E344AB  
}
```

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 #E344AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E344AB
}
```

## Border

The CSS property to change the border of an element to Hex E344AB 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
#E344AB }
```

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

```
.border{ border-color:#E344AB }
```

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

Here you see how a box with a 4 pixel #E344AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E344AB; -webkit-box-shadow:4px 4px  
4px 4px #E344AB; box-shadow:4px 4px 4px  
4px #E344AB }
```

# Background

The CSS property to change the background color of an element to Hex E344AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E344AB }
```

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

```
.background{ background-color:#E344AB }
```

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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