

# Converting Colors

Hex(EB34B6)

Have a look what the booklet for  
Hex(EB34B6) contains.

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# Color

**Hex(EB34B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB34B6
RGB	235, 52, 182
RGB Percent	92%, 20%, 71%
CMY	0.0784, 0.7961, 0.2863
CMYK	0.00, 0.78, 0.23, 0.08
HSL	317°, 82%, 56%
HSV	317°, 78%, 92%
XYZ	43.9324, 23.4955, 46.4756
YIQ	121.5370, 67.3380, 79.2260

# Conversions

## Conversions Part 2

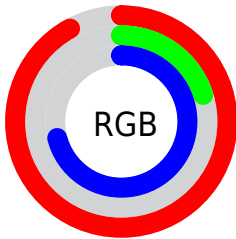
Format	Color
R <sub>Y</sub> B	235, 52, 182
Decimal	15414454
CIE Lab	55.58, 78.06, -27.17
CIE LCh	56, 82.655, 340.806
Yxy	23.4955, 0.3857, 0.2063
Android (android.graphics.Color)	4293604534 (0xFFEB34B6)
YUV	121.5370, 29.8083, 99.5071
Hunter-Lab	48.4722, 76.9558, -22.9172

# Details

The Hex color **EB34B6** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **34EB69**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF76EE**, and **AF0081** is the 20% darker color. If you saturate the color by 10%, you get **EB1DAF**, and if you desaturate by 10%, it is **EB4CBD**.

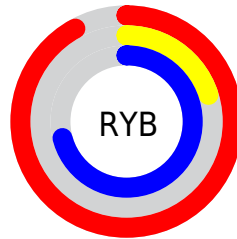
# Distribution



Red (92%)

Green (20%)

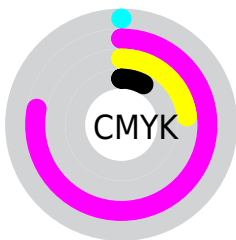
Blue (71%)



Red (92%)

Yellow (20%)

Blue (71%)

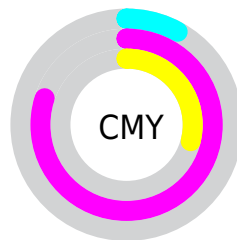


Cyan (0%)

Magenta (78%)

Yellow (23%)

Black (8%)



Cyan (8%)

Magenta (80%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB34B6 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 EB34B6 by changing the saturation by 10% instead.



 EB34B6

 EB34B6

FFFFFF

 CD009B

 FF76EE

 AF0081

 FF94FF

 910067

 FFB1FF

 74004F

 FFCFFF

 570038

 FFEFFF

 3C0022

 1C0006

 000000

 EB34B6

 EB34B6

 EB1DAF

 EB4CBD

 EB05A8

 EB63C4

 EB00A7

 EB7BCA

 EB92D1

 EBAAD8

 EBC1DF

 EBD9E6

 EBF0EC

 EBFFF3

# Harmonies

## Analogous

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



A563F3



EB34B6



FF1C6F

# Triad

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



EB34B6



8A8A00



00A2E2

# Complementary

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



EB34B6



34EB69

# 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.



00A49E



EB34B6



309900

# Square

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



EB34B6



C67000



00A153



009AFF

# Rectangle

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



EB34B6



F93940



00A153



00A3CD



# Sweetspot

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



EB34B6



FFC4EE



6834EB



805C75



000000



808080



# Same Dimension

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



EB34B6



FF12BA



EB345C



756A72



B50081



360026



# Inverse Universe

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



EB34B6



FF12BA



34EBC3



756A72



B50081



360026



# Previews

## White Background



This preview shows how the Hex color EB34B6 looks on a white background.

## Color Contrast Check

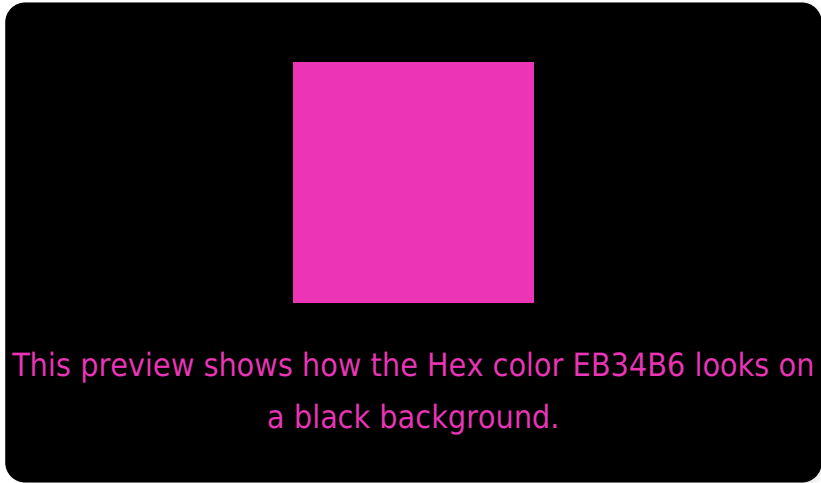
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB34B6 Background



This preview shows how black text looks on a background with the Hex color EB34B6.



This preview shows how white text looks on a background with the Hex color EB34B6.

# 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**  
E35459

# Trichromacy



**Original Color**  
EB34B6



**Protanomaly**  
8766DD



**Deuteranomaly**  
A666B0



**Tritanomaly**  
E6487B

# Monochromacy



**Original Color**  
EB34B6



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
A36190

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB34B6 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 #EB34B6 looks like.

```
.text, #text, p{  
    color:#EB34B6  
}
```

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 #EB34B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB34B6
}
```

## Border

The CSS property to change the border of an element to Hex EB34B6 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
#EB34B6 }
```

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

```
.border{ border-color:#EB34B6 }
```

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

Here you see how a box with a 4 pixel #EB34B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB34B6; -webkit-box-shadow:4px 4px  
4px 4px #EB34B6; box-shadow:4px 4px 4px  
4px #EB34B6 }
```

# Background

The CSS property to change the background color of an element to Hex EB34B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB34B6 }
```

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

```
.background{ background-color:#EB34B6 }
```

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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