

# Converting Colors

Hex(EB3CA8)

Have a look what the booklet for  
Hex(EB3CA8) contains.

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# Color

Hex(EB3CA8)

# Conversions

## Conversions Part 1

Format	Color
Hex	EB3CA8
RGB	235, 60, 168
RGB Percent	92%, 24%, 66%
CMY	0.0784, 0.7647, 0.3412
CMYK	0.00, 0.74, 0.29, 0.08
HSL	323°, 81%, 58%
HSV	323°, 74%, 92%
XYZ	42.9447, 23.7210, 39.3610
YIQ	124.6370, 69.6320, 70.6880

# Conversions

## Conversions Part 2

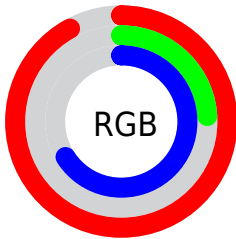
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	235, 60, 168
Decimal	15416488
CIE Lab	55.81, 74.16, -18.67
CIE LCh	56, 76.471, 345.871
Yxy	23.7210, 0.4050, 0.2237
Android (android.graphics.Color)	4293606568 (0xFFEB3CA8)
YUV	124.6370, 21.3780, 96.7884
Hunter-Lab	48.7042, 72.1589, -13.8230

# Details

The Hex color **EB3CA8** 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 **3CEB7F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7BDF**, and **AF0074** is the 20% darker color. If you saturate the color by 10%, you get **EB249F**, and if you desaturate by 10%, it is **EB53B1**.

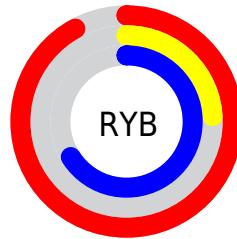
# Distribution



Red (92%)

Green (24%)

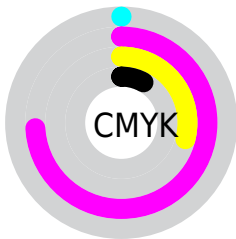
Blue (66%)



Red (92%)

Yellow (24%)

Blue (66%)

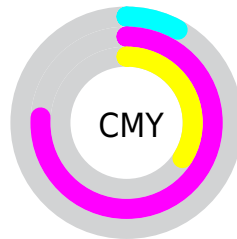


Cyan (0%)

Magenta (74%)

Yellow (29%)

Black (8%)



Cyan (8%)

Magenta (76%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB3CA8 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 EB3CA8 by changing the saturation by 10% instead.



 EB3CA8

 EB3CA8

FFFFFF

 CD0C8D

 FF7BDF

 AF0074

 FF98FC

 91005B

 FFB6FF

 740043

 FFD3FF

 57002D

 FFF2FF

 3B0018

 1A0001

 000000

 EB3CA8

 EB3CA8

 EB249F

 EB53B1

 EB0D96

 EB6BBA

 EB0091

 EB83C3

 EB9ACC

 EBB1D5

 EBC9DE

 EBE0E7

 EBF8F0

 EBFFF9

# Harmonies

## Analogous

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



B361E3



EB3CA8



F93666

# Triad

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



EB3CA8



818E00



00A0E4

# Complementary

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



EB3CA8



3CEB7F

# 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.



00A3A8



EB3CA8



259A18

# Square

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



EB3CA8



BB7700



00A163



0097FF

# Rectangle

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



EB3CA8



EF4B3B



00A163



00A2D2



# Sweetspot

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



EB3CA8



FFC7EA



7C3CEB



805E73



000000



808080



# Same Dimension

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



EB3CA8



FF1CA8



EB3C53



756A71



B50070



360021



# Inverse Universe

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



EB3CA8



FF1CA8



3CEBD4



756A71



B50070



360021



# Previews

## White Background



This preview shows how the Hex color EB3CA8 looks on a white background.

## Color Contrast Check

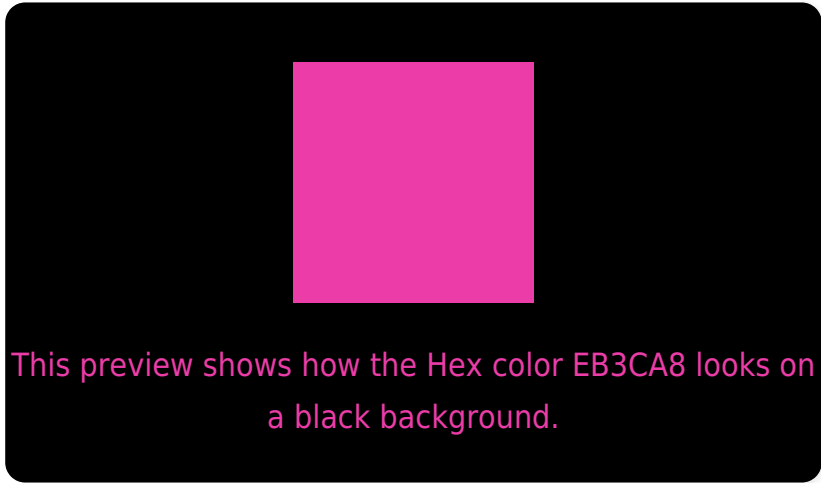
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB3CA8 Background



This preview shows how black text looks on a background with the Hex color EB3CA8.

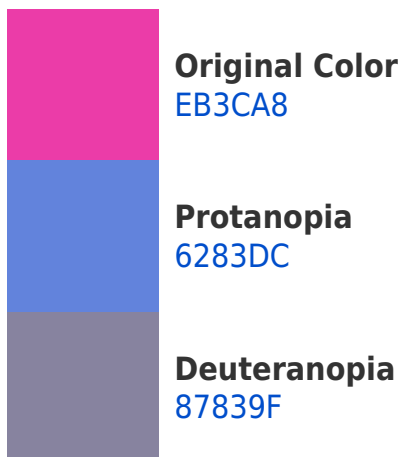


This preview shows how white text looks on a background with the Hex color EB3CA8.

# 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**  
E55459

# Trichromacy



**Original Color**  
EB3CA8



**Protanomaly**  
9469C9



**Deuteranomaly**  
AB69A2



**Tritanomaly**  
E74B76

# Monochromacy



**Original Color**  
EB3CA8



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
A5658D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB3CA8 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 #EB3CA8 looks like.

```
.text, #text, p{  
    color:#EB3CA8  
}
```

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 #EB3CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB3CA8
}
```

## Border

The CSS property to change the border of an element to Hex EB3CA8 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
#EB3CA8 }
```

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

```
.border{ border-color:#EB3CA8 }
```

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

Here you see how a box with a 4 pixel #EB3CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB3CA8; -webkit-box-shadow:4px 4px  
4px 4px #EB3CA8; box-shadow:4px 4px 4px  
4px #EB3CA8 }
```

# Background

The CSS property to change the background color of an element to Hex EB3CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB3CA8 }
```

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

```
.background{ background-color:#EB3CA8 }
```

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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