

# Converting Colors

Hex(EB3B92)

Have a look what the booklet for  
Hex(EB3B92) contains.

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# Color

Hex(EB3B92)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB3B92
RGB	235, 59, 146
RGB Percent	92%, 23%, 57%
CMY	0.0784, 0.7686, 0.4275
CMYK	0.00, 0.75, 0.38, 0.08
HSL	330°, 81%, 58%
HSV	330°, 75%, 92%
XYZ	41.0132, 22.8654, 29.4460
YIQ	121.5420, 76.9690, 64.3690

# Conversions

## Conversions Part 2

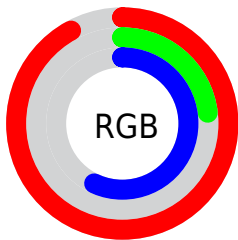
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 59, 146
Decimal	15416210
CIE Lab	54.93, 72.08, -7.04
CIE LCh	55, 72.427, 354.425
Yxy	22.8654, 0.4395, 0.2450
Android (android.graphics.Color)	4293606290 (0xFFEB3B92)
YUV	121.5420, 12.0578, 99.5027
Hunter-Lab	47.8178, 69.4179, -3.0380

# Details

The Hex color **EB3B92** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **3BEB94**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF79C8**, and **AE0060** is the 20% darker color. If you saturate the color by 10%, you get **EB2386**, and if you desaturate by 10%, it is **EB529E**.

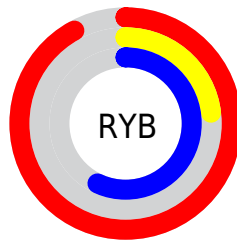
# Distribution



Red (92%)

Green (23%)

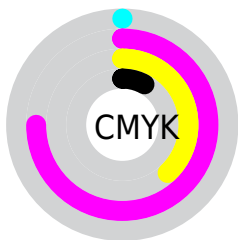
Blue (57%)



Red (92%)

Yellow (23%)

Blue (57%)

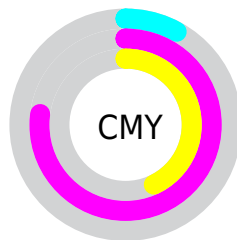


Cyan (0%)

Magenta (75%)

Yellow (38%)

Black (8%)



Cyan (8%)

Magenta (77%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB3B92 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 EB3B92 by changing the saturation by 10% instead.



 EB3B92

 EB3B92

FFFFFF

 CC0C78

 FF79C8

 AE0060

 FF97E4

 900048

 FFB4FF

 720032

 FFD2FF

 55001D

 FFF0FF

 3A0002

 110000

 000000

 EB3B92

 EB3B92

 EB2386

 EB529E

 EB0C7A

 EB6AAA

 EB0074

 EB82B6

 EB99C2

 EBB1CD

 EBC8D9

 EBDFE5

 EBF7F1

 EBFFFD

# Harmonies

## Analogous

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



C258CD



EB3B92



EF4254

# Triad

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



EB3B92



6D8F00



009BE9

# Complementary

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



EB3B92



3BEB94

# 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.



009FB6



EB3B92



009A34

# Square

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



EB3B92



A87D00



009E75



008FFF

# Rectangle

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



EB3B92



E1572C



009E75



009DDB



# Sweetspot

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



EB3B92



FFC7E3



933BEB



805E6F



000000



808080



# Same Dimension

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



EB3B92



FF198B



EB3B3B



756A6F



B50059



36001A



# Inverse Universe

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



EB3B92



FF198B



3BEBEB



756A6F



B50059



36001A



# Previews

## White Background



This preview shows how the Hex color EB3B92 looks on a white background.

## Color Contrast Check

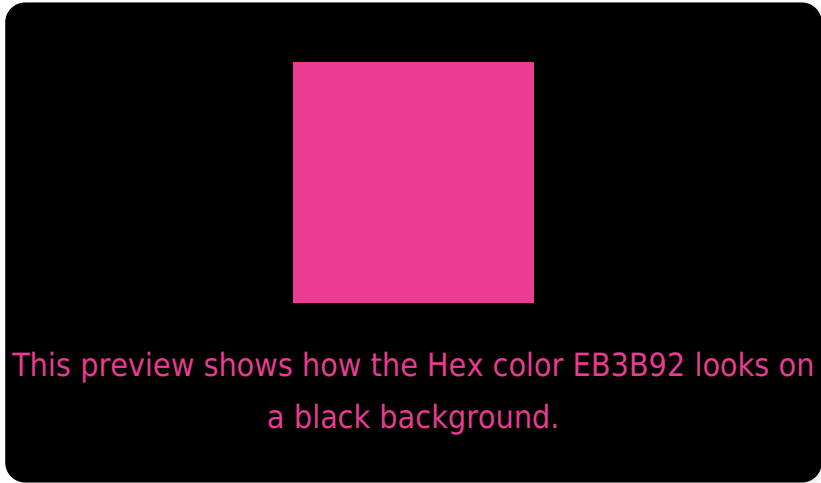
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB3B92 Background



This preview shows how black text looks on a background with the Hex color EB3B92.



This preview shows how white text looks on a background with the Hex color EB3B92.

# 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**  
E74D51

# Trichromacy



**Original Color**  
EB3B92



**Protanomaly**  
9C68AF



**Deuteranomaly**  
B0678C



**Tritanomaly**  
E84669

# Monochromacy



**Original Color**  
EB3B92



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
A36383

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB3B92 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 #EB3B92 looks like.

```
.text, #text, p{  
    color:#EB3B92  
}
```

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 #EB3B92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB3B92
}
```

## Border

The CSS property to change the border of an element to Hex EB3B92 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
#EB3B92 }
```

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

```
.border{ border-color:#EB3B92 }
```

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

Here you see how a box with a 4 pixel #EB3B92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB3B92; -webkit-box-shadow:4px 4px  
4px 4px #EB3B92; box-shadow:4px 4px 4px  
4px #EB3B92 }
```

# Background

The CSS property to change the background color of an element to Hex EB3B92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB3B92 }
```

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

```
.background{ background-color:#EB3B92 }
```

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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