

# Converting Colors

Hex(EB3992)

Have a look what the booklet for  
Hex(EB3992) contains.

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**Color**

**Hex(EB3992)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB3992
RGB	235, 57, 146
RGB Percent	92%, 22%, 57%
CMY	0.0784, 0.7765, 0.4275
CMYK	0.00, 0.76, 0.38, 0.08
HSL	330°, 82%, 57%
HSV	330°, 76%, 92%
XYZ	40.9124, 22.6637, 29.4123
YIQ	120.3680, 77.5190, 65.4150

# Conversions

## Conversions Part 2

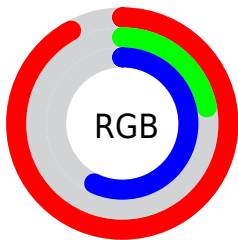
Format	Color
R <sub>Y</sub> B	235, 57, 146
Decimal	15415698
CIE Lab	54.72, 72.68, -7.35
CIE LCh	55, 73.046, 354.227
Yxy	22.6637, 0.4400, 0.2437
Android (android.graphics.Color)	4293605778 (0xFFEB3992)
YUV	120.3680, 12.6366, 100.5323
Hunter-Lab	47.6065, 70.0893, -3.3062

# Details

The Hex color **EB3992** 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 **39EB92**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF78C8**, and **AE0060** is the 20% darker color. If you saturate the color by 10%, you get **EB2186**, and if you desaturate by 10%, it is **EB519E**.

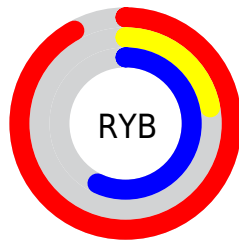
# Distribution



Red (92%)

Green (22%)

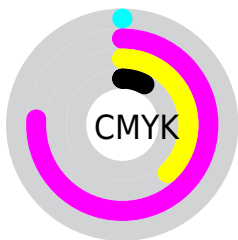
Blue (57%)



Red (92%)

Yellow (22%)

Blue (57%)

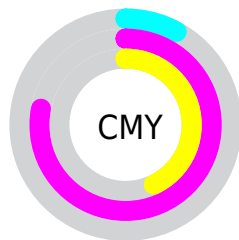


Cyan (0%)

Magenta (76%)

Yellow (38%)

Black (8%)



Cyan (8%)

Magenta (78%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB3992 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 EB3992 by changing the saturation by 10% instead.



 EB3992

 EB3992

FFFFFF

 CC0578

 FF78C8

 AE0060

 FF95E4

 900048

 FFB3FF

 720032

 FFD1FF

 55001D

 FFEFFF

 390002

 110000

 000000

 EB3992

 EB3992

 EB2186

 EB519E

 EB0A7A

 EB68AA

 EB0076

 EB7FB5

 EB97C1

 EBAFCD

 EBC6D8

 EBDDE4

 EBF5F0

 EBFFFC

# Harmonies

## Analogous

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



C257CE



EB3992



EF4053

# Triad

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



EB3992



6D8F00



009BE9

# Complementary

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



EB3992



39EB92

# 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.



009FB5



EB3992



009932

# Square

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



EB3992



A87C00



009E74



008FFF

# Rectangle

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



EB3992



E1552B



009E74



009DDA



# Sweetspot

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



EB3992



FFC4E2



9239EB



805C6E



000000



808080



# Same Dimension

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



EB3992



FF178B



EB3939



756A6F



B5005B



36001B



# Inverse Universe

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



EB3992



FF178B



39EBEB



756A6F



B5005B



36001B



# Previews

## White Background



This preview shows how the Hex color EB3992 looks on a white background.

## Color Contrast Check

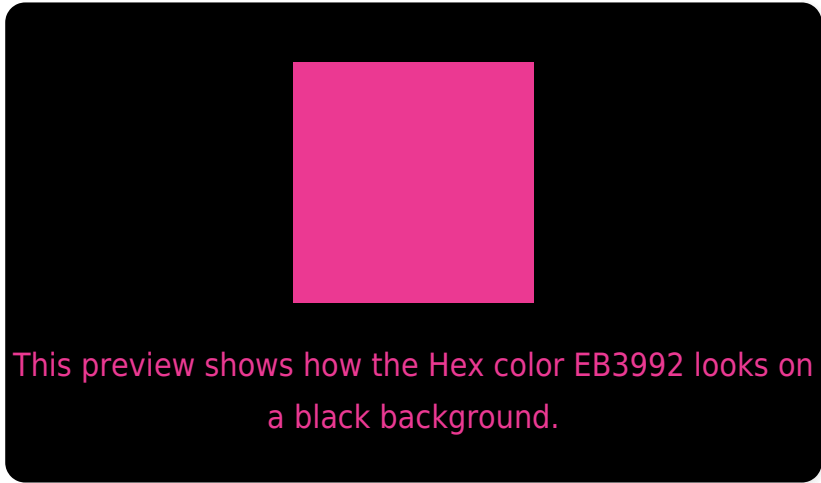
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB3992 Background



This preview shows how black text looks on a background with the Hex color EB3992.



This preview shows how white text looks on a background with the Hex color EB3992.

# 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



**Original Color**  
EB3992

**Protanopia**  
6E81C1

**Deuteranopia**  
8E7F89



**Tritanopia**  
E74C50

# Trichromacy



**Original Color**  
EB3992



**Protanomaly**  
9B67B0



**Deuteranomaly**  
B0668C



**Tritanomaly**  
E84568

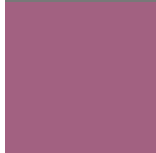
# Monochromacy



**Original Color**  
EB3992



**Achromatopsia**  
787878



**Achromatomaly**  
A26181

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB3992 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 #EB3992 looks like.

```
.text, #text, p{  
    color:#EB3992  
}
```

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 #EB3992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB3992
}
```

## Border

The CSS property to change the border of an element to Hex EB3992 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
#EB3992 }
```

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

```
.border{ border-color:#EB3992 }
```

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

Here you see how a box with a 4 pixel #EB3992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB3992; -webkit-box-shadow:4px 4px  
4px 4px #EB3992; box-shadow:4px 4px 4px  
4px #EB3992 }
```

# Background

The CSS property to change the background color of an element to Hex EB3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB3992 }
```

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

```
.background{ background-color:#EB3992 }
```

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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