

# Converting Colors

Hex(EB0E93)

Have a look what the booklet for  
Hex(EB0E93) contains.

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**Color**

**Hex(EB0E93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB0E93
RGB	235, 14, 147
RGB Percent	92%, 5%, 58%
CMY	0.0784, 0.9451, 0.4235
CMYK	0.00, 0.94, 0.37, 0.08
HSL	324°, 89%, 49%
HSV	324°, 94%, 92%
XYZ	39.6844, 20.0828, 29.3885
YIQ	95.2410, 89.0230, 88.2150

# Conversions

## Conversions Part 2

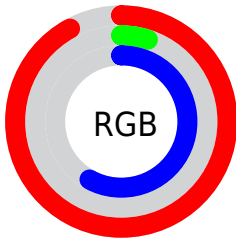
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 14, 147
Decimal	15404691
CIE <sub>Lab</sub>	51.93, 80.90, -12.13
CIE <sub>LCh</sub>	52, 81.806, 351.473
Yxy	20.0828, 0.4451, 0.2253
Android (android.graphics.Color)	4293594771 (0xFFEB0E93)
YUV	95.2410, 25.5172, 122.5686
Hunter-Lab	44.8139, 79.6445, -7.5121

# Details

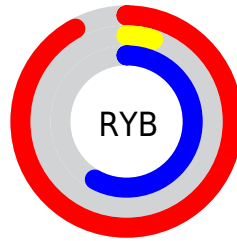
The Hex color **EB0E93** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **0EEB66**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF63C9**, and **AD0060** is the 20% darker color. If you saturate the color by 10%, you get **EB008D**, and if you desaturate by 10%, it is **EB269C**.

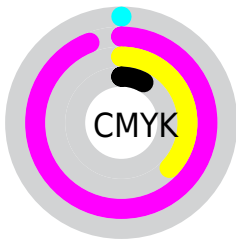
# Distribution



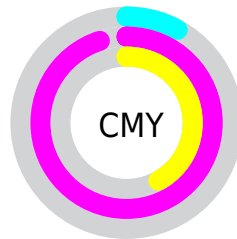
- Red (92%)
- Green (5%)
- Blue (58%)



- Red (92%)
- Yellow (5%)
- Blue (58%)



- Cyan (0%)
- Magenta (94%)
- Yellow (37%)
- Black (8%)



- Cyan (8%)
- Magenta (95%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB0E93 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 EB0E93 by changing the saturation by 10% instead.



 EB0E93

 EB0E93

FFFFFF

 CC0079

 FF63C9

 AD0060

 FF82E5

 8F0049

 FFA1FF

 710032


 FFBFFF

 54001E

 FFDDFF

 370002

 FFFCFF

 080000

 000000

 EB0E93

 EB0E93

■ EB008D

■ EB269C

■ EB3DA6

■ EB55AF

■ EB6CB8

■ EB84C2

■ EB9BCB

■ EBB3D5

■ EBCADE

■ EBE2E7

# Harmonies

## Analogous

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



BA4AD4



EB0E93



F11A4E

# Triad

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



EB0E93



668700



0096EA

# Complementary

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



EB0E93



0EEB66

# 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.



0099AE



EB0E93



009311

# Square

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



EB0E93



A77200



009865



008BFF

# Rectangle

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



EB0E93



E3401F



009865



0098D8



# Sweetspot

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



EB0E93



FFB8E3



630EEB



80546E



000000



808080



# Same Dimension

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



EB0E93



FF0099



EB0E28



756A71



B5006D



360020



# Inverse Universe

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



EB0E93



FF0099



0EEBD1



756A71



B5006D



360020



# Previews

## White Background



This preview shows how the Hex color EB0E93 looks on a white background.

## Color Contrast Check

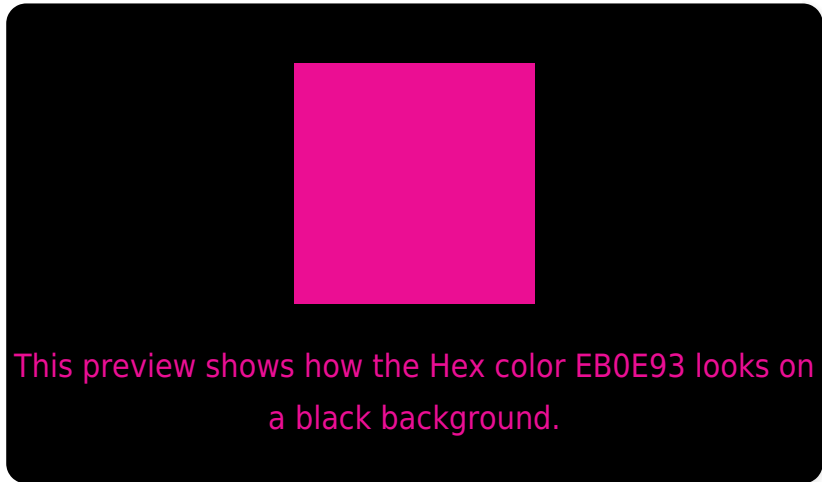
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB0E93 Background



This preview shows how black text looks on a background with the Hex color EB0E93.

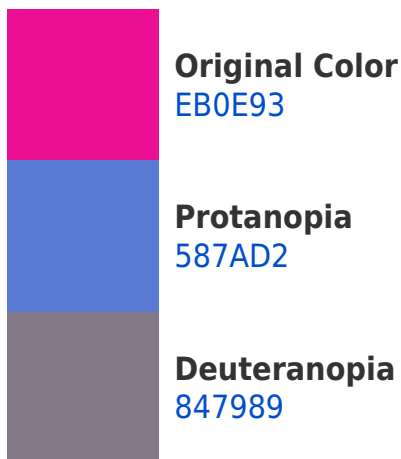


This preview shows how white text looks on a background with the Hex color EB0E93.

# 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**  
E63B3D

# Trichromacy



**Original Color**  
EB0E93



**Protanomaly**  
8D53BB



**Deuteranomaly**  
A9528D



**Tritanomaly**  
E82B5C

# Monochromacy



**Original Color**  
EB0E93



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
924272

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB0E93 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 #EB0E93 looks like.

```
.text, #text, p{  
    color:#EB0E93  
}
```

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 #EB0E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB0E93
}
```

## Border

The CSS property to change the border of an element to Hex EB0E93 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
#EB0E93 }
```

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

```
.border{ border-color:#EB0E93 }
```

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

Here you see how a box with a 4 pixel #EB0E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB0E93; -webkit-box-shadow:4px 4px  
4px 4px #EB0E93; box-shadow:4px 4px 4px  
4px #EB0E93 }
```

# Background

The CSS property to change the background color of an element to Hex EB0E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB0E93 }
```

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

```
.background{ background-color:#EB0E93 }
```

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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