

# Converting Colors

Hex(EB149C)

Have a look what the booklet for  
Hex(EB149C) contains.

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**Color**

**Hex(EB149C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB149C
RGB	235, 20, 156
RGB Percent	92%, 8%, 61%
CMY	0.0784, 0.9216, 0.3882
CMYK	0.00, 0.91, 0.34, 0.08
HSL	322°, 84%, 50%
HSV	322°, 91%, 92%
XYZ	40.5119, 20.5628, 33.2863
YIQ	99.7890, 84.4840, 87.8760

# Conversions

## Conversions Part 2

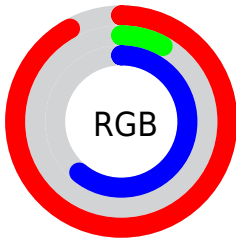
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 20, 156
Decimal	15406236
CIE <sub>Lab</sub>	52.47, 81.17, -16.68
CIE <sub>LCh</sub>	52, 82.863, 348.385
Yxy	20.5628, 0.4293, 0.2179
Android (android.graphics.Color)	4293596316 (0xFFEB149C)
YUV	99.7890, 27.7120, 118.5800
Hunter-Lab	45.3462, 80.1143, -11.7794

# Details

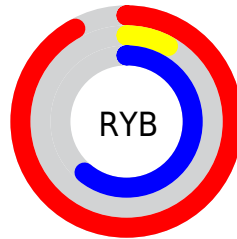
The Hex color **EB149C** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **14EB63**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF65D3**, and **AE0069** is the 20% darker color. If you saturate the color by 10%, you get **EB0095**, and if you desaturate by 10%, it is **EB2CA5**.

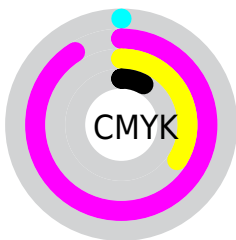
# Distribution



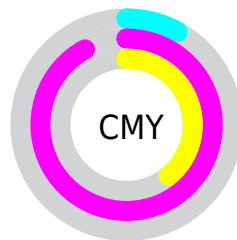
- Red (92%)
- Green (8%)
- Blue (61%)



- Red (92%)
- Yellow (8%)
- Blue (61%)



- Cyan (0%)
- Magenta (91%)
- Yellow (34%)
- Black (8%)



- Cyan (8%)
- Magenta (92%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB149C 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 EB149C by changing the saturation by 10% instead.



 EB149C

 EB149C

FFFFFF

 CC0082

 FF65D3

 AE0069

 FF84EF

 8F0050

 FFA3FF

 720039

 FFC1FF

 550024

 FFDFFF

 37000B

FFFEFF

 0E0000

 000000

 EB149C

 EB149C

 EB0095

 EB2CA5

 EB43AD

 EB5BB6

 EB72BF

 EB8AC7

 EBA1D0

 EBB9D8

 EBD0E1

 EBE8EA

# Harmonies

## Analogous

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



B450DD



EB149C



F61155

# Triad

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



EB149C



6F8700



0099E7

# Complementary

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



EB149C



14EB63

# 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.



009BA8



EB149C



009300

# Square

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



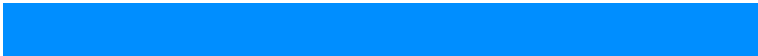
EB149C



AF7000



00995E



008EFF

# Rectangle

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



EB149C



E93B27



00995E



009AD5



# Sweetspot

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



EB149C



FFBAE6



6314EB



805771



000000



808080



# Same Dimension

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



EB149C



FF00A1



EB1431



756A71



B50073



360022



# Inverse Universe

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



EB149C



FF00A1



14EBCE



756A71



B50073



360022



# Previews

## White Background



This preview shows how the Hex color EB149C looks on a white background.

## Color Contrast Check

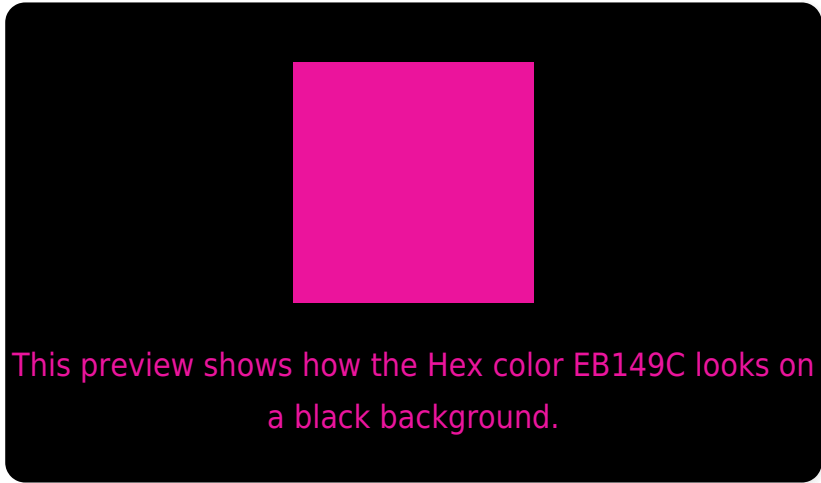
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB149C Background



This preview shows how black text looks on a background with the Hex color EB149C.

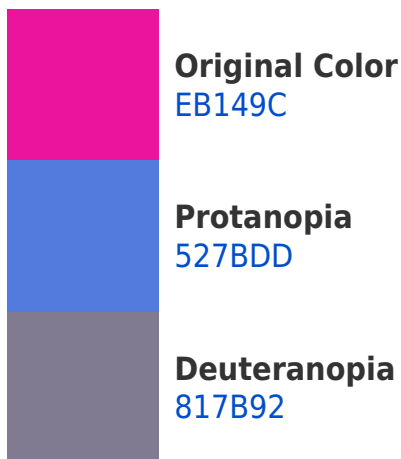


This preview shows how white text looks on a background with the Hex color EB149C.

# 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**  
E54042

# Trichromacy



**Original Color**  
EB149C



**Protanomaly**  
8A56C5



**Deuteranomaly**  
A85696



**Tritanomaly**  
E73063

# Monochromacy



**Original Color**  
EB149C



**Achromatopsia**  
646464



**Achromatomaly**  
954778

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB149C 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 #EB149C looks like.

```
.text, #text, p{  
  color:#EB149C  
}
```

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 #EB149C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB149C
}
```

## Border

The CSS property to change the border of an element to Hex EB149C 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
#EB149C }
```

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

```
.border{ border-color:#EB149C }
```

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

Here you see how a box with a 4 pixel #EB149C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB149C; -webkit-box-shadow:4px 4px  
4px 4px #EB149C; box-shadow:4px 4px 4px  
4px #EB149C }
```

# Background

The CSS property to change the background color of an element to Hex EB149C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB149C }
```

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

```
.background{ background-color:#EB149C }
```

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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