

# Converting Colors

Hex(EB1191)

Have a look what the booklet for  
Hex(EB1191) contains.

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**Color**

**Hex(EB1191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB1191
RGB	235, 17, 145
RGB Percent	92%, 7%, 57%
CMY	0.0784, 0.9333, 0.4314
CMYK	0.00, 0.93, 0.38, 0.08
HSL	325°, 87%, 49%
HSV	325°, 93%, 92%
XYZ	39.5722, 20.1074, 28.5835
YIQ	96.7740, 88.8400, 86.0240

# Conversions

## Conversions Part 2

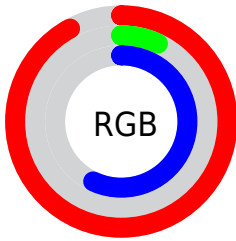
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 17, 145
Decimal	15405457
CIE Lab	51.96, 80.43, -10.89
CIE LCh	52, 81.164, 352.289
Yxy	20.1074, 0.4483, 0.2278
Android (android.graphics.Color)	4293595537 (0xFFEB1191)
YUV	96.7740, 23.7754, 121.2242
Hunter-Lab	44.8413, 79.0533, -6.4048

# Details

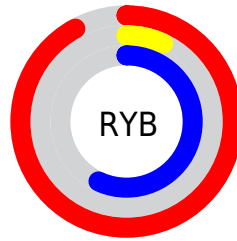
The Hex color **EB1191** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **11EB6B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF64C7**, and **AD005F** is the 20% darker color. If you saturate the color by 10%, you get **EB008A**, and if you desaturate by 10%, it is **EB289B**.

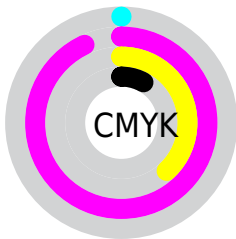
# Distribution



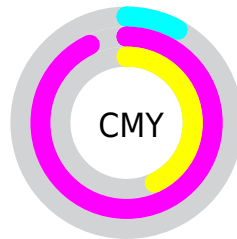
- Red (92%)
- Green (7%)
- Blue (57%)



- Red (92%)
- Yellow (7%)
- Blue (57%)



- Cyan (0%)
- Magenta (93%)
- Yellow (38%)
- Black (8%)



- Cyan (8%)
- Magenta (93%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB1191 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 EB1191 by changing the saturation by 10% instead.



 EB1191

 EB1191

FFFFFF

 CC0077

 FF64C7

 AD005F

 FF83E3

 8F0047

 FFA1FF

 710031

 FFBFFF

 54001C

 FFDEFF

 360002

 FFFCFF

 070000

 000000

 EB1191

 EB1191

 EB008A

 EB289B

 EB40A4

 EB57AE

 EB6FB8

 EB87C2

 EB9ECB

 EBB5D5

 EBCDDF

 EBE4E8

# Harmonies

## Analogous

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



BB4AD2



EB1191



F01F4C

# Triad

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



EB1191



658800



0096EA

# Complementary

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



EB1191



11EB6B

# 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.



0099AF



EB1191



009317

# Square

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



EB1191



A57300



009867



008AFF

# Rectangle

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



EB1191



E2421E



009867



0098D9



# Sweetspot

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



EB1191



FFB8E2



6811EB



80546E



000000



808080



# Same Dimension

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



EB1191



FF0096



EB1127



756A70



B5006A



36001F



# Inverse Universe

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



EB1191



FF0096



11EBD5



756A70



B5006A



36001F



# Previews

## White Background



This preview shows how the Hex color EB1191 looks on a white background.

## Color Contrast Check

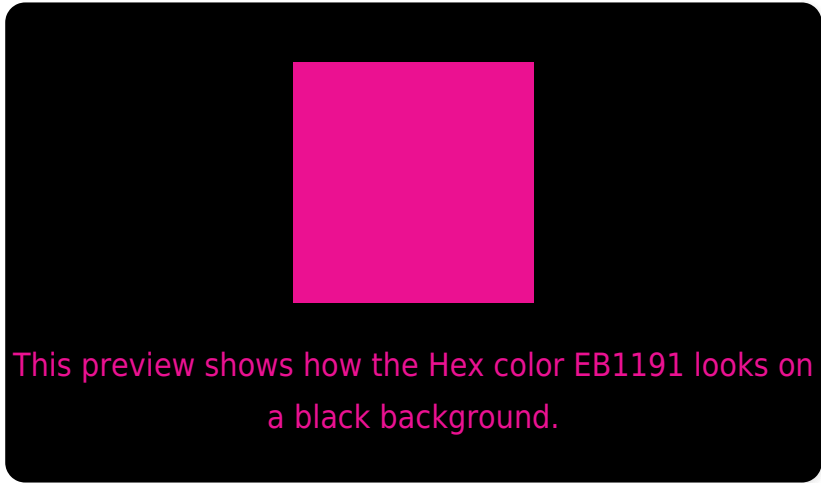
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB1191 Background



This preview shows how black text looks on a background with the Hex color EB1191.

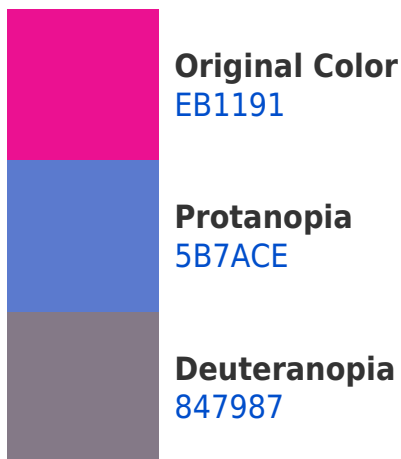


This preview shows how white text looks on a background with the Hex color EB1191.

# 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



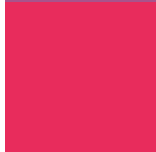
**Original Color**  
EB1191



**Protanomaly**  
8F54B8



**Deuteranomaly**  
A9538B

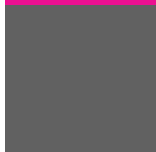


**Tritanomaly**  
E82C5C

# Monochromacy



**Original Color**  
EB1191



**Achromatopsia**  
616161



**Achromatomaly**  
934472

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB1191 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 #EB1191 looks like.

```
.text, #text, p{  
    color:#EB1191  
}
```

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 #EB1191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB1191
}
```

## Border

The CSS property to change the border of an element to Hex EB1191 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
#EB1191 }
```

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

```
.border{ border-color:#EB1191 }
```

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

Here you see how a box with a 4 pixel #EB1191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB1191; -webkit-box-shadow:4px 4px  
4px 4px #EB1191; box-shadow:4px 4px 4px  
4px #EB1191 }
```

# Background

The CSS property to change the background color of an element to Hex EB1191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB1191 }
```

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

```
.background{ background-color:#EB1191 }
```

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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