

# Converting Colors

Hex(EB07AC)

Have a look what the booklet for  
Hex(EB07AC) contains.

<b>Hex(EB07AC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(EB07AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB07AC
RGB	235, 7, 172
RGB Percent	92%, 3%, 67%
CMY	0.0784, 0.9725, 0.3255
CMYK	0.00, 0.97, 0.27, 0.08
HSL	317°, 94%, 47%
HSV	317°, 97%, 92%
XYZ	41.7833, 20.7927, 40.8409
YIQ	93.9820, 82.9230, 99.6510

# Conversions

## Conversions Part 2

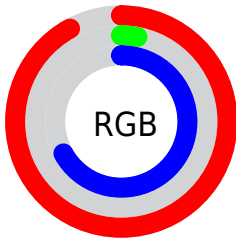
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 7, 172
Decimal	15402924
CIE <sub>Lab</sub>	52.72, 83.97, -25.75
CIE <sub>LCh</sub>	53, 87.827, 342.951
Yxy	20.7927, 0.4040, 0.2011
Android (android.graphics.Color)	4293593004 (0xFFEB07AC)
YUV	93.9820, 38.4629, 123.6728
Hunter-Lab	45.5990, 83.7651, -21.1840

# Details

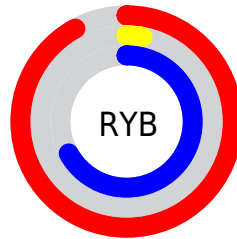
The Hex color **EB07AC** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **07EB46**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF63E4**, and **AE0077** is the 20% darker color. If you saturate the color by 10%, you get **EB00AA**, and if you desaturate by 10%, it is **EB1FB2**.

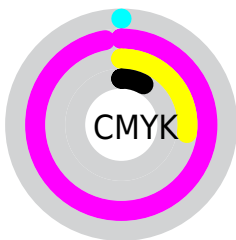
# Distribution



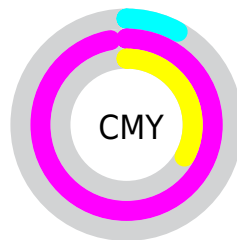
- Red (92%)
- Green (3%)
- Blue (67%)



- Red (92%)
- Yellow (3%)
- Blue (67%)



- Cyan (0%)
- Magenta (97%)
- Yellow (27%)
- Black (8%)



- Cyan (8%)
- Magenta (97%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB07AC 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 EB07AC by changing the saturation by 10% instead.



 EB07AC

 EB07AC

FFFFFF

 CC0091

 FF63E4

 AE0077

 FF82FF

 90005E

 FFA1FF

 720046

 FFBFFF

 560030

 FFDEFF

 38001A

 FFFCFF

 150000

 000000

 EB07AC

 EB07AC

 EB00AA

 EB1FB2

 EB36B9

 EB4EBF

 EB65C6

 EB7CCC

 EB94D3

 EBABD9

 EBC3E0

 EBD BE6

# Harmonies

## Analogous

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



A556EE



EB07AC



FD0061

# Triad

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



EB07AC



7B8500



009CE4

# Complementary

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



EB07AC



07EB46

# 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.



009D9E



EB07AC



009300

# Square

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



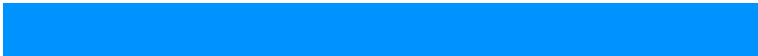
EB07AC



BC6A00



009A4E



0093FF

# Rectangle

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



EB07AC



F42630



009A4E



009DCF



# Sweetspot

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



EB07AC



FFB5EB



4407EB



805373



000000



808080



# Same Dimension

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



EB07AC



FF00B9



EB073C



756A72



B50083



360027



# Inverse Universe

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



EB07AC



FF00B9



07EBB6



756A72



B50083



360027



# Previews

## White Background



This preview shows how the Hex color EB07AC 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 EB07AC Background



This preview shows how black text looks on a background with the Hex color EB07AC.



This preview shows how white text looks on a background with the Hex color EB07AC.

# 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**  
E44447

# Trichromacy



**Original Color**  
EB07AC



**Protanomaly**  
7A51DA



**Deuteranomaly**  
A352A5



**Tritanomaly**  
E72E6C

# Monochromacy



**Original Color**  
EB07AC



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
913E7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB07AC 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 #EB07AC looks like.

```
.text, #text, p{  
    color:#EB07AC  
}
```

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 #EB07AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB07AC
}
```

## Border

The CSS property to change the border of an element to Hex EB07AC 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
#EB07AC }
```

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

```
.border{ border-color:#EB07AC }
```

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

Here you see how a box with a 4 pixel #EB07AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB07AC; -webkit-box-shadow:4px 4px  
4px 4px #EB07AC; box-shadow:4px 4px 4px  
4px #EB07AC }
```

# Background

The CSS property to change the background color of an element to Hex EB07AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB07AC }
```

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

```
.background{ background-color:#EB07AC }
```

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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