

# Converting Colors

Hex(EB7CA1)

Have a look what the booklet for  
Hex(EB7CA1) contains.

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# **Color**

**Hex(EB7CA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB7CA1
RGB	235, 124, 161
RGB Percent	92%, 49%, 63%
CMY	0.0784, 0.5137, 0.3686
CMYK	0.00, 0.47, 0.31, 0.08
HSL	340°, 74%, 70%
HSV	340°, 47%, 92%
XYZ	47.9016, 34.6507, 37.8818
YIQ	161.4070, 54.2790, 35.0390

# Conversions

## Conversions Part 2

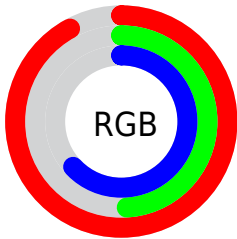
Format	Color
RYP	235, 124, 161
Decimal	15432865
CIELab	65.48, 46.71, -0.19
CIElCh	65, 46.712, 359.767
Yxy	34.6507, 0.3977, 0.2877
Android (android.graphics.Color)	4293622945 (0xFFEB7CA1)
YUV	161.4070, -0.2007, 64.5411
Hunter-Lab	58.8648, 42.2420, 3.0500

# Details

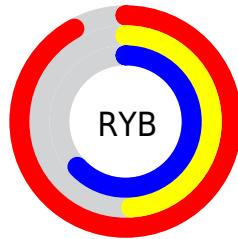
The Hex color **EB7CA1** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7CEBC6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB3D8**, and **B0476E** is the 20% darker color. If you saturate the color by 10%, you get **EB6591**, and if you desaturate by 10%, it is **EB93B1**.

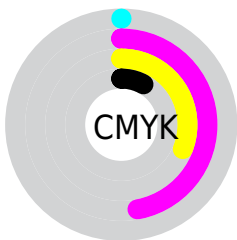
# Distribution



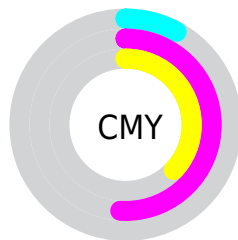
- Red (92%)
- Green (49%)
- Blue (63%)



- Red (92%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (47%)
- Yellow (31%)
- Black (8%)



- Cyan (8%)
- Magenta (51%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB7CA1 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 EB7CA1 by changing the saturation by 10% instead.



 EB7CA1

 EB7CA1

FFFFFF

 CD6187

 FFB3D8

 B0476E

 FFCFF4

 942C55

 FFECCF

 780B3E

 5C0029

 420014

 280001

 000000

 EB7CA1

 EB7CA1

 EB6591

 EB93B1

 EB4D82

 EBABC0

 EB3672

 EBC3D0

 EB1E62

 EBDAE0

 EB0653

 EBF2EF

 EB004E

 EBFFFF

# Harmonies

## Analogous

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



D285CA



EB7CA1



EC8078

# Triad

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



EB7CA1



8EA954



00AEE6

# Complementary

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



EB7CA1



7CEBC6

# 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.



00B4C7



EB7CA1



59B173

# Square

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



EB7CA1



B89D49



00B49D



54A3F2

# Rectangle

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



EB7CA1



E18861



00B49D



00B1DE



# Sweetspot

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



EB7CA1



FFDBE7



C67CEB



806A71



000000



808080



# Same Dimension

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



EB7CA1



FF6E9E



EB8F7C



756A6D



B5003C



360012



# Inverse Universe

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



EB7CA1



FF6E9E



7CD8EB



756A6D



B5003C



360012



# Previews

## White Background



This preview shows how the Hex color EB7CA1 looks on a white background.

## Color Contrast Check

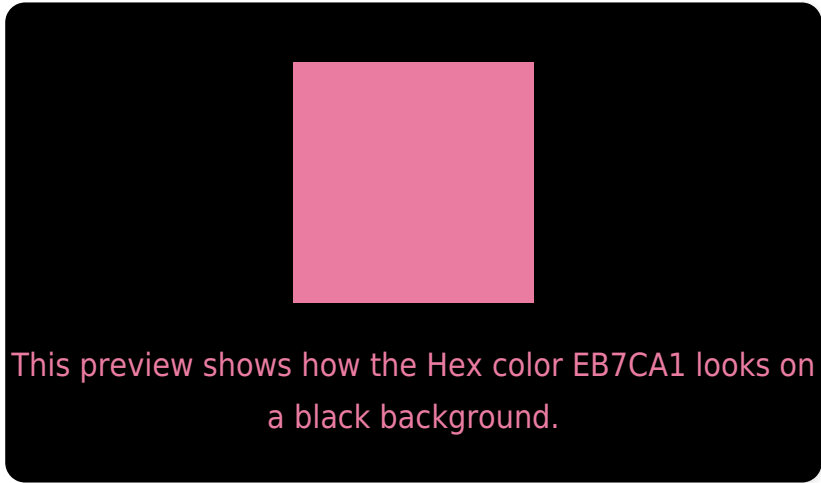
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EB7CA1 Background



This preview shows how black text looks on a background with the Hex color EB7CA1.



This preview shows how white text looks on a background with the Hex color EB7CA1.

# 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**  
E9808A

# Trichromacy



**Original Color**  
EB7CA1



**Protanomaly**  
B992AE



**Deuteranomaly**  
C58F9E

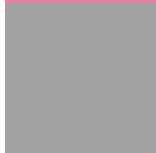


**Tritanomaly**  
EA7F92

# Monochromacy



**Original Color**  
EB7CA1



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
BC94A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB7CA1 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 #EB7CA1 looks like.

```
.text, #text, p{  
    color:#EB7CA1  
}
```

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 #EB7CA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB7CA1
}
```

## Border

The CSS property to change the border of an element to Hex EB7CA1 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
#EB7CA1 }
```

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

```
.border{ border-color:#EB7CA1 }
```

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

Here you see how a box with a 4 pixel #EB7CA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB7CA1; -webkit-box-shadow:4px 4px  
4px 4px #EB7CA1; box-shadow:4px 4px 4px  
4px #EB7CA1 }
```

# Background

The CSS property to change the background color of an element to Hex EB7CA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB7CA1 }
```

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

```
.background{ background-color:#EB7CA1 }
```

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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