

# Converting Colors

Hex(EB5E8C)

Have a look what the booklet for  
Hex(EB5E8C) contains.

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# **Color**

**Hex(EB5E8C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB5E8C
RGB	235, 94, 140
RGB Percent	92%, 37%, 55%
CMY	0.0784, 0.6314, 0.4510
CMYK	0.00, 0.60, 0.40, 0.08
HSL	340°, 78%, 65%
HSV	340°, 60%, 92%
XYZ	42.9973, 27.5610, 27.8645
YIQ	141.4030, 69.2700, 44.1980

# Conversions

## Conversions Part 2

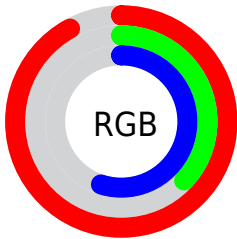
Format	Color
R <sub>Y</sub> B	235, 94, 140
Decimal	15425164
CIE Lab	59.49, 58.44, 3.18
CIE LCh	59, 58.527, 3.112
Yxy	27.5610, 0.4369, 0.2800
Android (android.graphics.Color)	4293615244 (0xFFEB5E8C)
YUV	141.4030, -0.6917, 82.0846
Hunter-Lab	52.4986, 54.3221, 5.2798

# Details

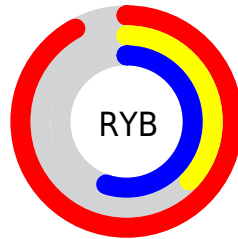
The Hex color **EB5E8C** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5EEBBD**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF96C1**, and **AF215A** is the 20% darker color. If you saturate the color by 10%, you get **EB477C**, and if you desaturate by 10%, it is **EB769C**.

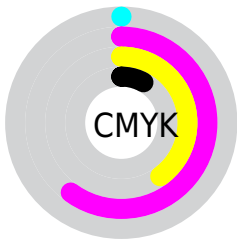
# Distribution



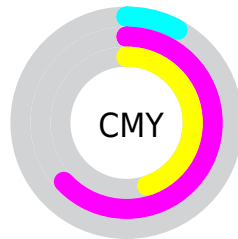
- Red (92%)
- Green (37%)
- Blue (55%)



- Red (92%)
- Yellow (37%)
- Blue (55%)



- Cyan (0%)
- Magenta (60%)
- Yellow (40%)
- Black (8%)



- Cyan (8%)
- Magenta (63%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB5E8C 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 EB5E8C by changing the saturation by 10% instead.



 EB5E8C

 EB5E8C

FFFFFF

 CD4173

 FF96C1

 AF215A

 FFB2DD

 910043

 FFCFFA

 74002D

 FFEDFF

 580019

 3E0003

 1A0001

 000000

 EB5E8C

 EB5E8C

 EB477C

 EB769C

 EB2F6C

 EB8DAC

 EB175C

 EBA4BB

 EB004D

 EBBCCB

 EBD3DB

 EBEBEB

 EBFFFB

 EBFFFF

# Harmonies

## Analogous

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



D269BF



EB5E8C



E8675A

# Triad

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



EB5E8C



709C32



00A1EB

# Complementary

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



EB5E8C



5EEBBD

# 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.



00A7C6



EB5E8C



0AA45E

# Square

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



EB5E8C



A58F1B



00A893



0093F6

# Rectangle

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



EB5E8C



D9743D



00A893



00A3E1



# Sweetspot

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



EB5E8C



FFD1E0



BC5EEB



80636D



000000



808080



# Same Dimension

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



EB5E8C



FF4783



EB765E



756A6D



B5003B



360011



# Inverse Universe

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



EB5E8C



FF4783



5ED3EB



756A6D



B5003B



360011



# Previews

## White Background



This preview shows how the Hex color EB5E8C looks on a white background.

## Color Contrast Check

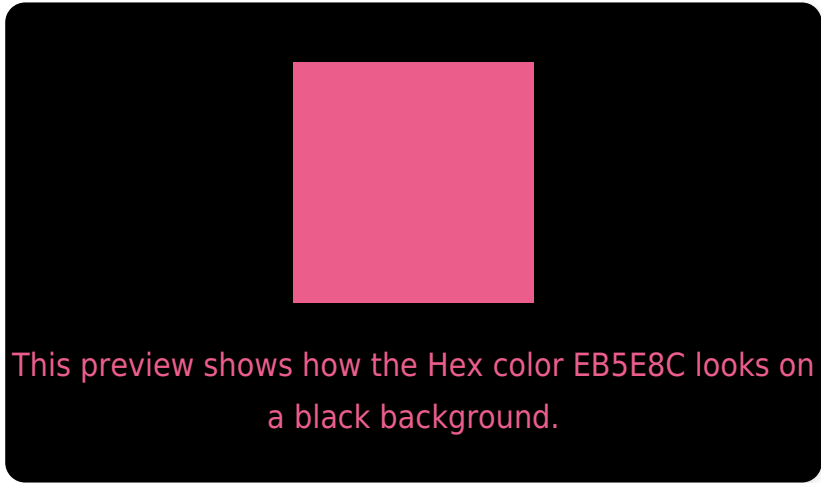
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB5E8C Background



This preview shows how black text looks on a background with the Hex color EB5E8C.



This preview shows how white text looks on a background with the Hex color EB5E8C.

# 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**  
E9656B

# Trichromacy



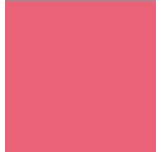
**Original Color**  
EB5E8C



**Protanomaly**  
AE7D9E



**Deuteranomaly**  
BC7B88



**Tritanomaly**  
EA6277

# Monochromacy



**Original Color**  
EB5E8C



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
AF7C8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB5E8C 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 #EB5E8C looks like.

```
.text, #text, p{  
    color:#EB5E8C  
}
```

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 #EB5E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB5E8C
}
```

## Border

The CSS property to change the border of an element to Hex EB5E8C 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
#EB5E8C }
```

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

```
.border{ border-color:#EB5E8C }
```

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

Here you see how a box with a 4 pixel #EB5E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB5E8C; -webkit-box-shadow:4px 4px  
4px 4px #EB5E8C; box-shadow:4px 4px 4px  
4px #EB5E8C }
```

# Background

The CSS property to change the background color of an element to Hex EB5E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB5E8C }
```

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

```
.background{ background-color:#EB5E8C }
```

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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