

Converting Colors

Hex(EB8BC3)

Have a look what the booklet for
Hex(EB8BC3) contains.

Hex(EB8BC3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**EB8BC3**)

Conversions

Conversions Part 1

Format	Color
Hex	EB8BC3
RGB	235, 139, 195
RGB Percent	92%, 55%, 76%
CMY	0.0784, 0.4549, 0.2353
CMYK	0.00, 0.41, 0.17, 0.08
HSL	325°, 71%, 73%
HSV	325°, 41%, 92%
XYZ	53.3439, 40.0675, 56.5520
YIQ	174.0880, 39.2400, 37.7680

Conversions

Conversions Part 2

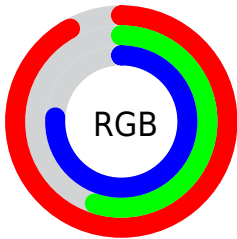
Format	Color
R _{YB}	235, 139, 195
Decimal	15436739
CIE Lab	69.52, 43.82, -13.32
CIE LCh	70, 45.801, 343.091
Yxy	40.0675, 0.3557, 0.2672
Android (android.graphics.Color)	4293626819 (0xFFEB8BC3)
YUV	174.0880, 10.3096, 53.4198
Hunter-Lab	63.2989, 39.6542, -8.6612

Details

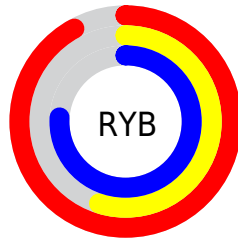
The Hex color **EB8BC3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8BEBB3**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **FFC2FC**, and **B1568D** is the 20% darker color. If you saturate the color by 10%, you get **EB73B9**, and if you desaturate by 10%, it is **EBA3CD**.

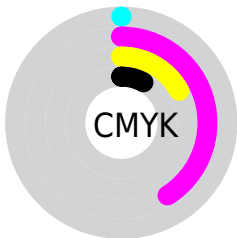
Distribution



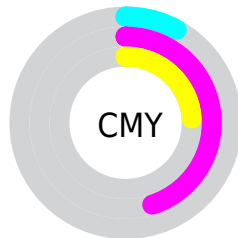
- Red (92%)
- Green (55%)
- Blue (76%)



- Red (92%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (41%)
- Yellow (17%)
- Black (8%)



- Cyan (8%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB8BC3 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 EB8BC3 by changing the saturation by 10% instead.

 EB8BC3

 EB8BC3

FFFFFF

 CE70A8

 FFC2FC

 B1568D

 FFDFFF

 953C74

 FFFCFE

 7A225B

 600044

 46002D

 300019

 000000

 EB8BC3

 EB8BC3

 EB73B9

 EBA3CD

 EB5CAF

 EBBAD7

 EB45A6

 EBD2E0

 EB2D9C

 EBE9EA

 EB1592

 EBFFF4

 EB0089

 EBFFFE

 EBFFFF

Harmonies

Analogous

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



C598E7



EB8BC3



F98899

Triad

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



EB8BC3



B2AD56



00BDE1

Complementary

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



EB8BC3



8BEBB3

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.



00BFBB



EB8BC3



84B86B

Square

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



EB8BC3



D79F5A



48BE90



20B5F9

Rectangle

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



EB8BC3



F68D7F



48BE90



00BED6

Sweetspot

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



EB8BC3



FFE0F2



B38BEB



806E78



000000



808080

Same Dimension

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



EB8BC3



FF82CB



EB8B93



756A70



B5006A



36001F

Inverse Universe

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



EB8BC3



FF82CB



8BEBE3



756A70



B5006A



36001F

Previews

White Background



This preview shows how the Hex color EB8BC3 looks on a white background.

Color Contrast Check

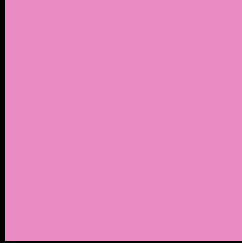
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color EB8BC3 looks on a 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 EB8BC3 Background



This preview shows how black text looks on a background with the Hex color EB8BC3.




This preview shows how white text looks on a background with the Hex color EB8BC3.

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
E7929D

Trichromacy



Original Color
EB8BC3



Protanomaly
BB9DD0



Deuteranomaly
C69CC0

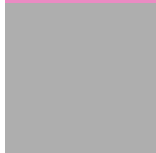


Tritanomaly
E88FAB

Monochromacy



Original Color
EB8BC3



Achromatopsia
AEAEAE



Achromatomaly
C4A1B6

CSS Examples

Text

The CSS property to change the color of the text to Hex EB8BC3 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 #EB8BC3 looks like.

```
.text, #text, p{  
    color:#EB8BC3  
}
```

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 #EB8BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8BC3
}
```

Border

The CSS property to change the border of an element to Hex EB8BC3 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
#EB8BC3 }
```

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

```
.border{ border-color:#EB8BC3 }
```

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

Here you see how a box with a 4 pixel #EB8BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8BC3; -webkit-box-shadow:4px 4px  
4px 4px #EB8BC3; box-shadow:4px 4px 4px  
4px #EB8BC3 }
```

Background

The CSS property to change the background color of an element to Hex EB8BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8BC3 }
```

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

```
.background{ background-color:#EB8BC3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor