

Converting Colors

Hex(EB83BA)

Have a look what the booklet for
Hex(EB83BA) contains.

Hex(EB83BA)	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(EB83BA)

Conversions

Conversions Part 1

Format	Color
Hex	EB83BA
RGB	235, 131, 186
RGB Percent	92%, 51%, 73%
CMY	0.0784, 0.4863, 0.2706
CMYK	0.00, 0.44, 0.21, 0.08
HSL	328°, 72%, 72%
HSV	328°, 44%, 92%
XYZ	51.2402, 37.4399, 50.9804
YIQ	168.3660, 44.3290, 39.1530

Conversions

Conversions Part 2

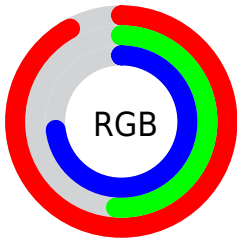
Format	Color
R _Y B	235, 131, 186
Decimal	15434682
CIE Lab	67.61, 46.57, -11.15
CIE LCh	68, 47.885, 346.530
Yxy	37.4399, 0.3669, 0.2681
Android (android.graphics.Color)	4293624762 (0xFFEB83BA)
YUV	168.3660, 8.6936, 58.4380
Hunter-Lab	61.1882, 42.4001, -6.5671

Details

The Hex color **EB83BA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83EBB4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBAF2**, and **B14E85** is the 20% darker color. If you saturate the color by 10%, you get **EB6BAF**, and if you desaturate by 10%, it is **EB9AC5**.

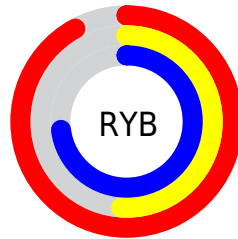
Distribution



Red (92%)

Green (51%)

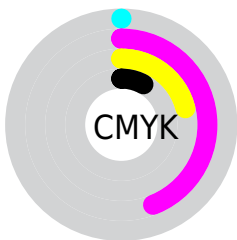
Blue (73%)



Red (92%)

Yellow (51%)

Blue (73%)

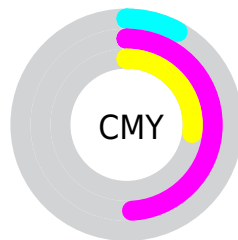


Cyan (0%)

Magenta (44%)

Yellow (21%)

Black (8%)



Cyan (8%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB83BA 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 EB83BA by changing the saturation by 10% instead.

 EB83BA

 EB83BA

FFFFFF

 CE689F

 FFBAF2

 B14E85

 FFD7FF

 95346C

 FFF4FF

 791653

 5E003C

 440026

 2D0011

 000000

 EB83BA

 EB83BA

 EB6BAF

 EB9AC5

 EB54A4

 EBB2D0

 EB3C99

 EBCADB

 EB258E

 EBE1E6

 EB0E83

 EBF9F1

 EB007C

 EBFFFC

 EBFFFF

Harmonies

Analogous

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



C690E0



EB83BA



F7818E

Triad

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



EB83BA



A7AA4F



00B7E2

Complementary

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



EB83BA



83EBB4

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.



00BBBC



EB83BA



76B467

Square

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



EB83BA



CF9B4F



2DB98F



0AAFF8

Rectangle

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



EB83BA



F18773



2DB98F



00B9D7

Sweetspot

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



EB83BA



FFDEEF



B483EB



806B76



000000



808080

Same Dimension

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



EB83BA



FF78BF



EB8386



756A70



B50060



36001C

Inverse Universe

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



EB83BA



FF78BF



83EBE8



756A70



B50060



36001C

Previews

White Background



This preview shows how the Hex color EB83BA looks on a white background.

Color Contrast Check

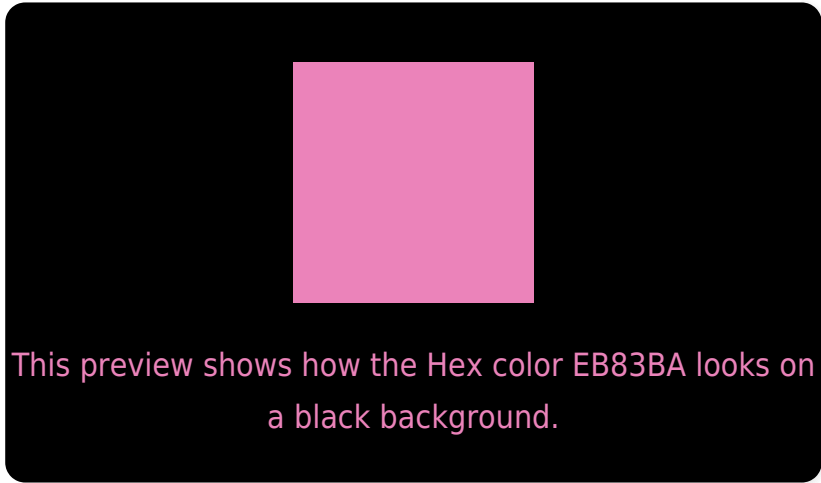
Large Text (above 18pt) WCAG AA × Fail

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 EB83BA Background



This preview shows how black text looks on a background with the Hex color EB83BA.

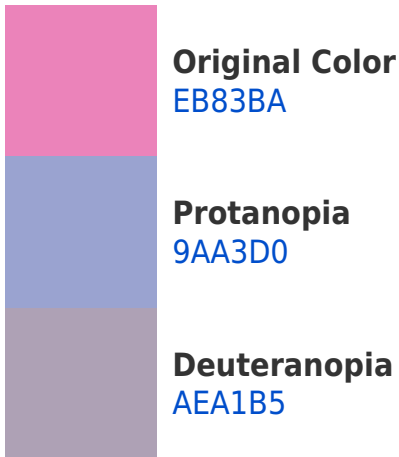



This preview shows how white text looks on a background with the Hex color EB83BA.

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
E78A95

Trichromacy



Original Color
EB83BA



Protanomaly
B797C8



Deuteranomaly
C496B7



Tritanomaly
E887A2

Monochromacy



Original Color
EB83BA



Achromatopsia
A8A8A8



Achromatomaly
C09BAF

CSS Examples

Text

The CSS property to change the color of the text to Hex EB83BA 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 #EB83BA looks like.

```
.text, #text, p{  
  color:#EB83BA  
}
```

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 #EB83BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB83BA
}
```

Border

The CSS property to change the border of an element to Hex EB83BA 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
#EB83BA }
```

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

```
.border{ border-color:#EB83BA }
```

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

Here you see how a box with a 4 pixel #EB83BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB83BA; -webkit-box-shadow:4px 4px  
4px 4px #EB83BA; box-shadow:4px 4px 4px  
4px #EB83BA }
```

Background

The CSS property to change the background color of an element to Hex EB83BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB83BA }
```

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

```
.background{ background-color:#EB83BA }
```

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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