

Converting Colors

Hex(EB87A3)

Have a look what the booklet for
Hex(EB87A3) contains.

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Color

Hex(EB87A3)

Conversions

Conversions Part 1

Format	Color
Hex	EB87A3
RGB	235, 135, 163
RGB Percent	92%, 53%, 64%
CMY	0.0784, 0.4706, 0.3608
CMYK	0.00, 0.43, 0.31, 0.08
HSL	343°, 71%, 73%
HSV	343°, 43%, 92%
XYZ	49.5358, 37.6345, 39.3037
YIQ	168.0920, 50.6120, 29.9080

Conversions

Conversions Part 2

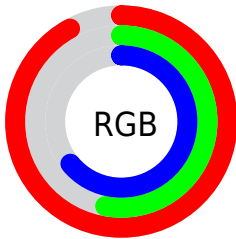
Format	Color
R_{YB}	235, 135, 163
Decimal	15435683
CIE _{Lab}	67.75, 41.38, 1.99
CIE _{LCh}	68, 41.429, 2.758
Yxy	37.6345, 0.3917, 0.2976
Android (android.graphics.Color)	4293625763 (0xFFEB87A3)
YUV	168.0920, -2.5104, 58.6783
Hunter-Lab	61.3469, 36.7762, 4.9570

Details

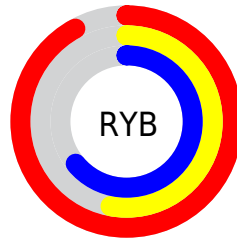
The Hex color **EB87A3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87EBCF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBEDA**, and **B1536F** is the 20% darker color. If you saturate the color by 10%, you get **EB7092**, and if you desaturate by 10%, it is **EB9FB4**.

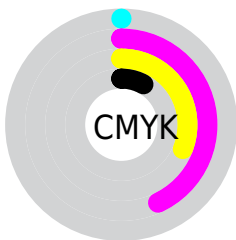
Distribution



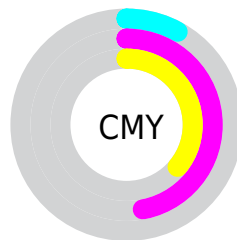
- Red (92%)
- Green (53%)
- Blue (64%)



- Red (92%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (43%)
- Yellow (31%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB87A3 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 EB87A3 by changing the saturation by 10% instead.

 EB87A3

 EB87A3

FFFFFF

 CE6D89

 FFBEDA

 B1536F

 FFDAF6

 943957

 FFF7FF

 791E40

 5E002A

 430016

 2C0001

 000000

 EB87A3

 EB87A3

 EB7092

 EB9FB4

 EB5881

 EBB6C5

 EB4170

 EBCED6

 EB295F

 EBE5E7

 EB124E

 EBFDF8

 EB0042

 EBFFFF

Harmonies

Analogous

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



D78DC8



EB87A3



EA8B7F

Triad

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



EB87A3



92AF65



0BB2E7

Complementary

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



EB87A3



87EBCF

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.



00B8CC



EB87A3



64B682

Square

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



EB87A3



B9A459



1EB9A7



71A8EF

Rectangle

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



EB87A3



E0936B



1EB9A7



00B4E0

Sweetspot

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



EB87A3



FFDEE7



CF87EB



806B71



000000



808080

Same Dimension

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



EB87A3



FF7DA1



EB9D87



756A6D



B50033



36000F

Inverse Universe

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



EB87A3



FF7DA1



87D5EB



756A6D



B50033



36000F

Previews

White Background



This preview shows how the Hex color EB87A3 looks on a white background.

Color Contrast Check

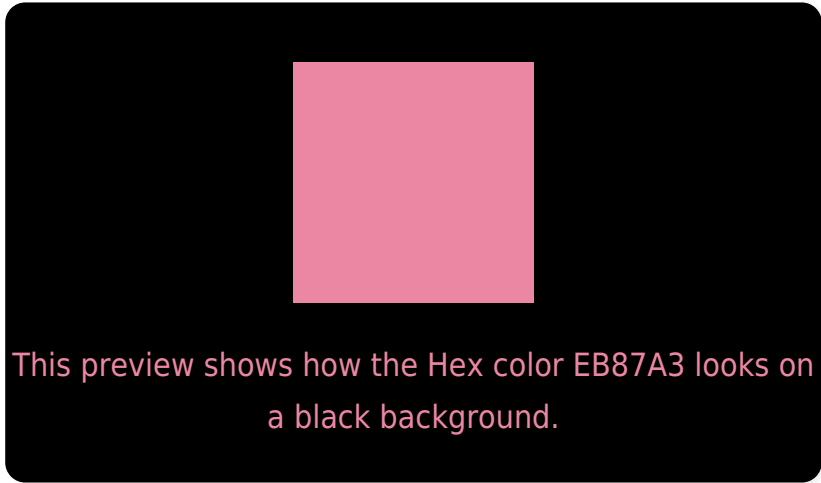
Large Text (above 18pt) WCAG AA × Fail

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 EB87A3 Background



This preview shows how black text looks on a background with the Hex color EB87A3.



This preview shows how white text looks on a background with the Hex color EB87A3.

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



Original Color
EB87A3

Protanopia
A4A4B4

Deuteranopia
B8A09F



Tritanopia
EA8A94

Trichromacy



Original Color
EB87A3



Protanomaly
BE99AE



Deuteranomaly
CB97A0



Tritanomaly
EA8999

Monochromacy



Original Color
EB87A3



Achromatopsia
A8A8A8



Achromatomaly
C09CA6

CSS Examples

Text

The CSS property to change the color of the text to Hex EB87A3 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 #EB87A3 looks like.

```
.text, #text, p{  
    color:#EB87A3  
}
```

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 #EB87A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB87A3
}
```

Border

The CSS property to change the border of an element to Hex EB87A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

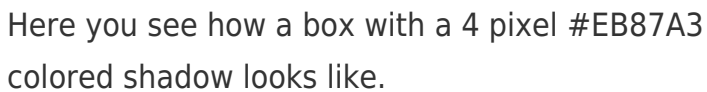
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB87A3 }
```

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

```
.border{ border-color:#EB87A3 }
```

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



Here you see how a box with a 4 pixel `#EB87A3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB87A3; -webkit-box-shadow:4px 4px  
4px 4px #EB87A3; box-shadow:4px 4px 4px  
4px #EB87A3 }
```

Background

The CSS property to change the background color of an element to Hex EB87A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB87A3 }
```

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

```
.background{ background-color:#EB87A3 }
```

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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