

Converting Colors

Hex(EB877A)

Have a look what the booklet for
Hex(EB877A) contains.

Hex(EB877A)	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(EB877A)

Conversions

Conversions Part 1

Format	Color
Hex	EB877A
RGB	235, 135, 122
RGB Percent	92%, 53%, 48%
CMY	0.0784, 0.4706, 0.5216
CMYK	0.00, 0.43, 0.48, 0.08
HSL	7°, 74%, 70%
HSV	7°, 48%, 92%
XYZ	46.4378, 36.3953, 22.9898
YIQ	163.4180, 63.7730, 17.1570

Conversions

Conversions Part 2

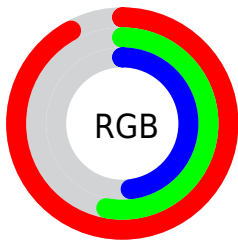
Format	Color
RYB	235, 137, 122
Decimal	15435642
CIELab	66.82, 36.82, 23.70
CIElCh	67, 43.787, 32.770
Yxy	36.3953, 0.4388, 0.3439
Android (android.graphics.Color)	4293625722 (0xFFEB877A)
YUV	163.4180, -20.4191, 62.7774
Hunter-Lab	60.3285, 31.8253, 19.6359

Details

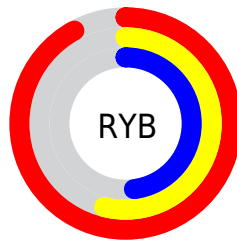
The Hex color **EB877A** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **7ADEEB**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBEAE**, and **B05349** is the 20% darker color. If you saturate the color by 10%, you get **EB7262**, and if you desaturate by 10%, it is **EB9C92**.

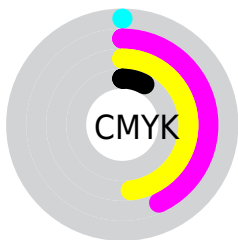
Distribution



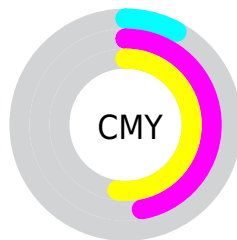
- Red (92%)
- Green (53%)
- Blue (48%)



- Red (92%)
- Yellow (54%)
- Blue (48%)



- Cyan (0%)
- Magenta (43%)
- Yellow (48%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB877A 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 EB877A by changing the saturation by 10% instead.

 EB877A

 EB877A

FFFFFF

 CD6D61

 FFBEAE

 B05349

 FFDACA

 933A33

 FFF7E6

 76211D

 5A0306

 3F0000

 250001

 000000

 EB877A

 EB877A

 EB7262

 EB9C92

 EB5D4B

 EBB1A9

 EB4934

 EBC5C1

 EB341C

 EBDAD8

 EB1F04

 EBEFF0

 EB1B00

 EBFFFF

Harmonies

Analogous

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



EC82A0



EB877A



D8945D

Triad

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



EB877A



5CB47D



69A5F1

Complementary

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



EB877A



7ADEEB

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.



00B0E8



EB877A



00B7A5

Square

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



EB877A



8EAD5E



00B6CC



AB97E5

Rectangle

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



EB877A



C39D53



00B6CC



4CA9F0

Sweetspot

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



EB877A



FFDFDB



EB7AE0



806C6A



000000



808080

Same Dimension

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



EB877A



FF7C6B



EBBE7A



756B6A



B51500



360600

Inverse Universe

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



7ADEEB



6BEEFF



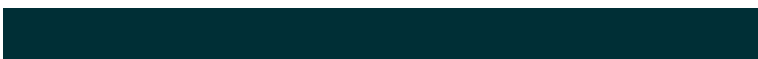
7AA7EB



6A7475



00A0B5



002F36

Previews

White Background



This preview shows how the Hex color EB877A looks on a white background.

Color Contrast Check

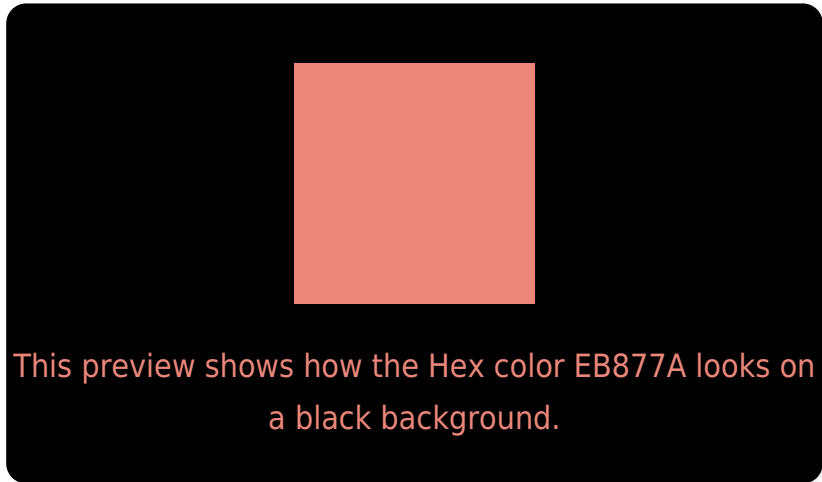
Large Text (above 18pt) WCAG AA × Fail

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 EB877A Background



This preview shows how black text looks on a background with the Hex color EB877A.

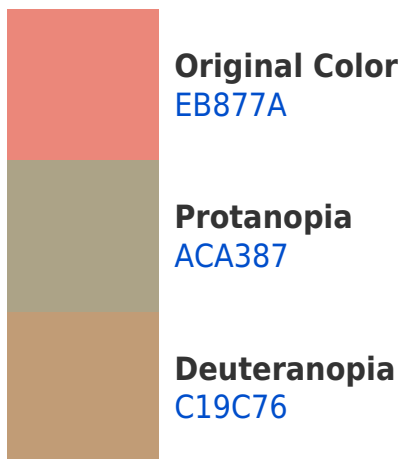



This preview shows how white text looks on a background with the Hex color EB877A.

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



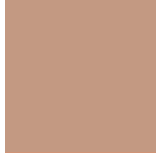


Tritanopia
ED848E

Trichromacy



Original Color
EB877A



Protanomaly
C39982



Deuteranomaly
D09477

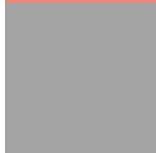


Tritanomaly
EC8587

Monochromacy



Original Color
EB877A



Achromatopsia
A3A3A3



Achromatomaly
BD9994

CSS Examples

Text

The CSS property to change the color of the text to Hex EB877A 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 #EB877A looks like.

```
.text, #text, p{  
    color:#EB877A  
}
```

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 #EB877A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB877A
}
```

Border

The CSS property to change the border of an element to Hex EB877A 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
#EB877A }
```

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

```
.border{ border-color:#EB877A }
```

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

Here you see how a box with a 4 pixel #EB877A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB877A; -webkit-box-shadow:4px 4px  
4px 4px #EB877A; box-shadow:4px 4px 4px  
4px #EB877A }
```

Background

The CSS property to change the background color of an element to Hex EB877A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB877A }
```

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

```
.background{ background-color:#EB877A }
```

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