

# Converting Colors

Hex(EB9080)

Have a look what the booklet for  
Hex(EB9080) contains.

<b>Hex(EB9080)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(EB9080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB9080
RGB	235, 144, 128
RGB Percent	92%, 56%, 50%
CMY	0.0784, 0.4353, 0.4980
CMYK	0.00, 0.39, 0.46, 0.08
HSL	9°, 73%, 71%
HSV	9°, 46%, 92%
XYZ	48.1305, 39.1672, 25.4453
YIQ	169.3850, 59.3720, 14.3160

# Conversions

## Conversions Part 2

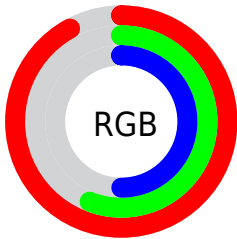
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">235, 147, 128</a>
Decimal	<a href="#">15437952</a>
CIELab	<a href="#">68.87, 32.70, 23.14</a>
CIElCh	<a href="#">69, 40.063, 35.282</a>
Yxy	<a href="#">39.1672, 0.4269, 0.3474</a>
Android (android.graphics.Color)	<a href="#">4293628032 (0xFFEB9080)</a>
YUV	<a href="#">169.3850, -20.4028, 57.5444</a>
Hunter-Lab	<a href="#">62.5837, 27.7554, 19.7024</a>

# Details

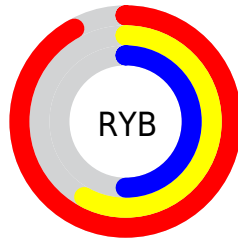
The Hex color **EB9080** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80DBEB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC7B5**, and **B05C4F** is the 20% darker color. If you saturate the color by 10%, you get **EB7C69**, and if you desaturate by 10%, it is **EBA498**.

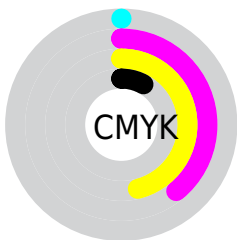
# Distribution



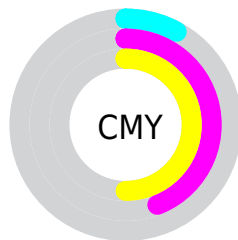
- Red (92%)
- Green (56%)
- Blue (50%)



- Red (92%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (39%)
- Yellow (46%)
- Black (8%)



- Cyan (8%)
- Magenta (44%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB9080 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 EB9080 by changing the saturation by 10% instead.



 EB9080

 EB9080

FFFFFF

 CD7667

 FFC7B5

 B05C4F

 FFE3D0

 934338

 FFFFED

 772B22

 5C120D

 410000

 290001

 000000

 EB9080

 EB9080

 EB7C69

 EBA498

 EB6851

 EBB8AF

 EB5439

 EBCCC6

 EB4022

 EBE0DE

 EB2C0A

 EBF4F5

 EB2300

 EBFFFF

# Harmonies

## Analogous

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



ED8BA3



EB9080



D89B67

# Triad

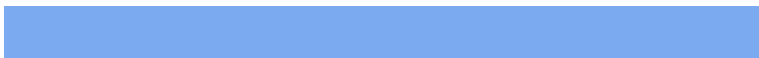
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EB9080



65B989



7CAAF0

# Complementary

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



EB9080



80DBEB

# 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.



32B4E9



EB9080



29BBAD

# Square

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



EB9080



93B26B



00BAD1



B49CE3

# Rectangle

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



EB9080



C5A45F



00BAD1



66ADF0

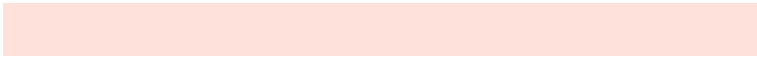


# Sweetspot

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



EB9080



FFE1DB



EB80DD



806D6A



000000



808080



# Same Dimension

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



EB9080



FF8873



EBC480



756B6A



B51B00



360800



# Inverse Universe

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



80DBEB



73EAFF



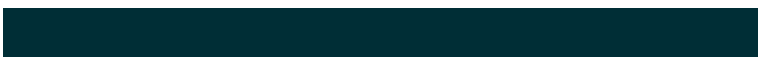
80A7EB



6A7475



009AB5



002E36



# Previews

## White Background



This preview shows how the Hex color EB9080 looks on a white background.

## Color Contrast Check

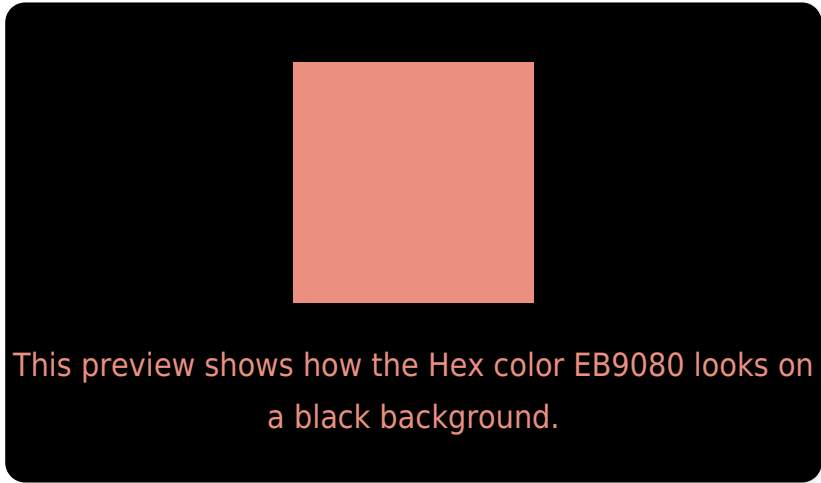
Large Text (above 18pt) WCAG AA × Fail

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 EB9080 Background



This preview shows how black text looks on a background with the Hex color EB9080.

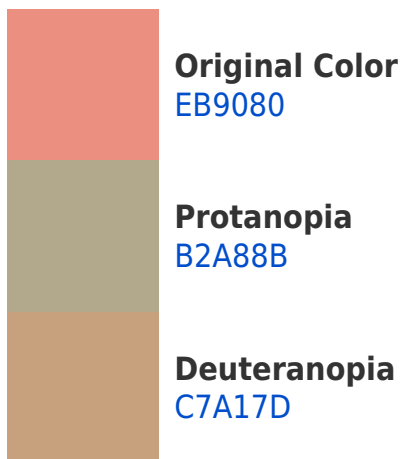


This preview shows how white text looks on a background with the Hex color EB9080.

# 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



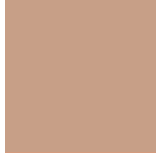


**Tritanopia**  
ED8D97

# Trichromacy



**Original Color**  
EB9080



**Protanomaly**  
C79F87



**Deuteranomaly**  
D49B7E

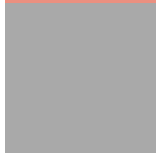


**Tritanomaly**  
EC8E8F

# Monochromacy



**Original Color**  
EB9080



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
C1A09A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB9080 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 #EB9080 looks like.

```
.text, #text, p{  
    color:#EB9080  
}
```

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 #EB9080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB9080
}
```

## Border

The CSS property to change the border of an element to Hex EB9080 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
#EB9080 }
```

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

```
.border{ border-color:#EB9080 }
```

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

Here you see how a box with a 4 pixel #EB9080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB9080; -webkit-box-shadow:4px 4px  
4px 4px #EB9080; box-shadow:4px 4px 4px  
4px #EB9080 }
```

# Background

The CSS property to change the background color of an element to Hex EB9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB9080 }
```

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

```
.background{ background-color:#EB9080 }
```

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