

# Converting Colors

Hex(E9A7C8)

Have a look what the booklet for  
Hex(E9A7C8) contains.

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# **Color**

**Hex(E9A7C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9A7C8
RGB	233, 167, 200
RGB Percent	91%, 65%, 78%
CMY	0.0863, 0.3451, 0.2157
CMYK	0.00, 0.28, 0.14, 0.09
HSL	330°, 60%, 78%
HSV	330°, 28%, 91%
XYZ	57.8483, 49.1312, 61.0779
YIQ	190.4960, 28.7430, 24.2550

# Conversions

## Conversions Part 2

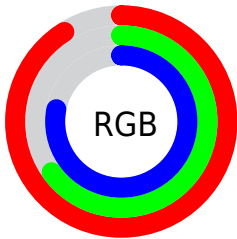
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 167, 200
Decimal	15312840
CIE Lab	75.53, 29.19, -7.13
CIE LCh	76, 30.048, 346.275
Yxy	49.1312, 0.3442, 0.2923
Android (android.graphics.Color)	4293502920 (0xFFE9A7C8)
YUV	190.4960, 4.6855, 37.2760
Hunter-Lab	70.0937, 24.6522, -2.5983

# Details

The Hex color **E9A7C8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7E9C8**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFDFFF**, and **B07292** is the 20% darker color. If you saturate the color by 10%, you get **E990BC**, and if you desaturate by 10%, it is **E9BED4**.

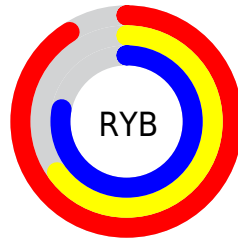
# Distribution



Red (91%)

Green (65%)

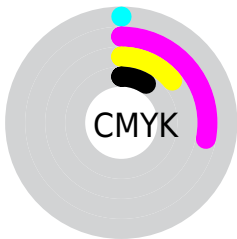
Blue (78%)



Red (91%)

Yellow (65%)

Blue (78%)

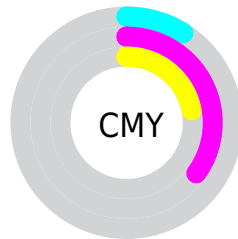


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9A7C8 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 E9A7C8 by changing the saturation by 10% instead.



 E9A7C8

 E9A7C8

FFFFFF

 CC8CAD


 FFDFFF

 B07292

 FFFBFF

 955978

 7B4160

 612948

 481231

 30001D

 160000

 000000

 E9A7C8

 E9A7C8

 E990BC

 E9BED4

 E978B1

 E9D6DF

 E961A5

 E9EDEB

 E94A99

 E9FFF7

 E9338E

 E9FFFF

 E91B82

 E90476

 E90075

# Harmonies

## Analogous

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



D1AEE1



E9A7C8



F2A6AC

# Triad

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



E9A7C8



BEBD85



68C7E1

# Complementary

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



E9A7C8



A7E9C8

# 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.



68C9C9



E9A7C8



9FC493

# Square

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



E9A7C8



D9B485



80C9AC



85C0EF

# Rectangle

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



E9A7C8



F0A99B



80C9AC



64C8DA



# Sweetspot

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



E9A7C8



FFEBF5



C8A7E9



807379



000000



808080



# Same Dimension

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



E9A7C8



FFA8D4



E9A7A7



756A6F



B5005B



36001B



# Inverse Universe

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



E9A7C8



FFA8D4



A7E9E9



756A6F



B5005B



36001B



# Previews

## White Background



This preview shows how the Hex color E9A7C8 looks on a white background.

## Color Contrast Check

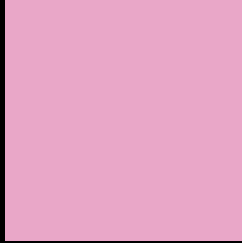
Large Text (above 18pt) WCAG AA × Fail

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 E9A7C8 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 E9A7C8 Background



This preview shows how black text looks on a background with the Hex color E9A7C8.

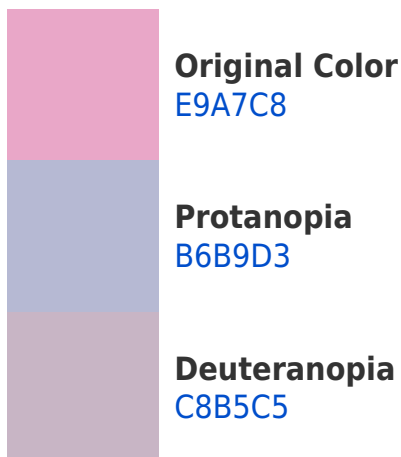


This preview shows how white text looks on a background with the Hex color E9A7C8.

# 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**  
E7AAB7

# Trichromacy



**Original Color**  
E9A7C8



**Protanomaly**  
C9B2CF



**Deuteranomaly**  
D4B0C6

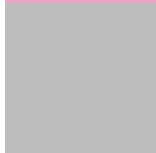


**Tritanomaly**  
E8A9BD

# Monochromacy



**Original Color**  
E9A7C8



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
CEB6C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9A7C8 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 #E9A7C8 looks like.

```
.text, #text, p{  
    color:#E9A7C8  
}
```

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 #E9A7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9A7C8
}
```

## Border

The CSS property to change the border of an element to Hex E9A7C8 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
#E9A7C8 }
```

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

```
.border{ border-color:#E9A7C8 }
```

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

Here you see how a box with a 4 pixel #E9A7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9A7C8; -webkit-box-shadow:4px 4px  
4px 4px #E9A7C8; box-shadow:4px 4px 4px  
4px #E9A7C8 }
```

# Background

The CSS property to change the background color of an element to Hex E9A7C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9A7C8 }
```

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

```
.background{ background-color:#E9A7C8 }
```

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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