

# Converting Colors

Hex(E7A5A8)

Have a look what the booklet for  
Hex(E7A5A8) contains.

<b>Hex(E7A5A8)</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(E7A5A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A5A8
RGB	231, 165, 168
RGB Percent	91%, 65%, 66%
CMY	0.0941, 0.3529, 0.3412
CMYK	0.00, 0.29, 0.27, 0.09
HSL	357°, 58%, 78%
HSV	357°, 29%, 91%
XYZ	53.4780, 46.7263, 43.2463
YIQ	185.0760, 38.3730, 14.9250

# Conversions

## Conversions Part 2

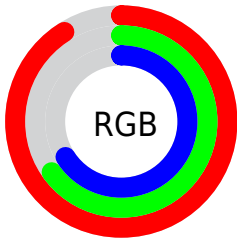
Format	Color
R <sub>Y</sub> B	231, 165, 168
Decimal	15181224
CIE Lab	74.01, 24.78, 8.18
CIE LCh	74, 26.100, 18.272
Yxy	46.7263, 0.3728, 0.3257
Android (android.graphics.Color)	4293371304 (0xFFE7A5A8)
YUV	185.0760, -8.4185, 40.2753
Hunter-Lab	68.3567, 20.0231, 10.3395

# Details

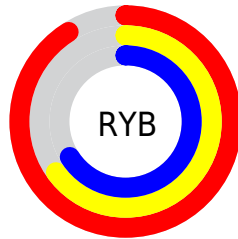
The Hex color **E7A5A8** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A5E7E4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFDCDF**, and **AE7174** is the 20% darker color. If you saturate the color by 10%, you get **E78E92**, and if you desaturate by 10%, it is **E7BCBE**.

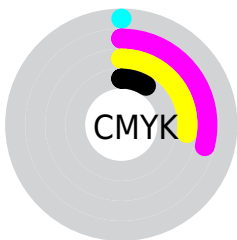
# Distribution



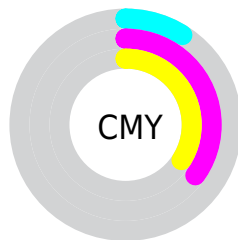
- Red (91%)
- Green (65%)
- Blue (66%)



- Red (91%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (27%)
- Black (9%)



- Cyan (9%)
- Magenta (35%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7A5A8 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 E7A5A8 by changing the saturation by 10% instead.



 E7A5A8

 E7A5A8

FFFFFF

 CA8A8E

 FFDCDF

 AE7174

 FFF9FC

 93585C

 784044

 5E292E

 441219

 2E0000

 000000

 E7A5A8

 E7A5A8

 E78E92

 E7BCBE

 E7777C

 E7D3D4

 E76066

 E7EAEA

 E74950

 E7FFFF

 E7323A

 E71A24

 E7030E

 E7000A

# Harmonies

## Analogous

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



E0A6C0



E7A5A8



E1AA93

# Triad

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



E7A5A8



9DBF95



8CBBE4

# Complementary

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



E7A5A8



A5E7E4

# 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.



74C1D9



E7A5A8



83C3AB

# Square

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



E7A5A8



B8B988



71C3C4



ADB3E3

# Rectangle

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



E7A5A8



D7AE8A



71C3C4



82BDE2



# Sweetspot

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



E7A5A8



FFE8E9



E4A5E7



807172



000000



808080



# Same Dimension

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



E7A5A8



FFA8AC



E7C3A5



736768



B30008



330002



# Inverse Universe

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



E7A5A8



FFA8AC



A5C9E7



736768



B30008



330002



# Previews

## White Background



This preview shows how the Hex color E7A5A8 looks on a white background.

## Color Contrast Check

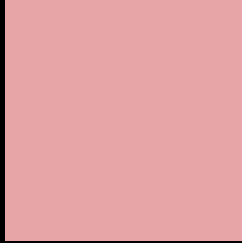
Large Text (above 18pt) WCAG AA × Fail

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 E7A5A8 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 E7A5A8 Background



This preview shows how black text looks on a background with the Hex color E7A5A8.

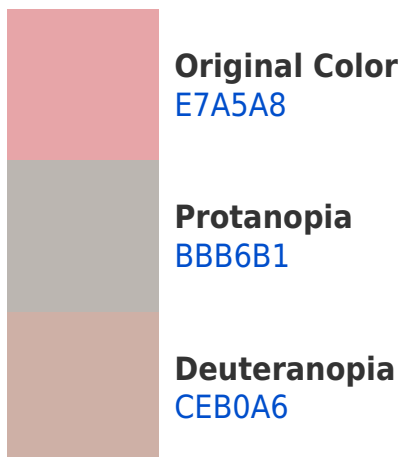



This preview shows how white text looks on a background with the Hex color E7A5A8.

# 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](#).

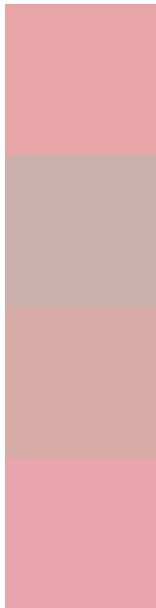
## Dichromacy





**Tritanopia**  
E8A4B0

# Trichromacy



**Original Color**  
E7A5A8

**Protanomaly**  
CBB0AE

**Deuteranomaly**  
D7ACA7

**Tritanomaly**  
E8A4AD

# Monochromacy



**Original Color**  
E7A5A8

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
CAB2B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7A5A8 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 #E7A5A8 looks like.

```
.text, #text, p{  
    color:#E7A5A8  
}
```

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 #E7A5A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7A5A8
}
```

## Border

The CSS property to change the border of an element to Hex E7A5A8 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
#E7A5A8 }
```

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

```
.border{ border-color:#E7A5A8 }
```

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

Here you see how a box with a 4 pixel #E7A5A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7A5A8; -webkit-box-shadow:4px 4px  
4px 4px #E7A5A8; box-shadow:4px 4px 4px  
4px #E7A5A8 }
```

# Background

The CSS property to change the background color of an element to Hex E7A5A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7A5A8 }
```

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

```
.background{ background-color:#E7A5A8 }
```

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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