

# Converting Colors

Hex(E9A6E4)

Have a look what the booklet for  
Hex(E9A6E4) contains.

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# **Color**

**Hex(E9A6E4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E9A6E4
RGB	233, 166, 228
RGB Percent	91%, 65%, 89%
CMY	0.0863, 0.3490, 0.1059
CMYK	0.00, 0.29, 0.02, 0.09
HSL	304°, 60%, 78%
HSV	304°, 29%, 91%
XYZ	61.2441, 50.1975, 79.8600
YIQ	193.1010, 20.0300, 33.4860

# Conversions

## Conversions Part 2

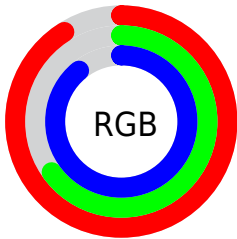
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 166, 228
Decimal	15312612
CIE Lab	76.19, 34.49, -21.42
CIE LCh	76, 40.598, 328.162
Yxy	50.1975, 0.3201, 0.2624
Android (android.graphics.Color)	4293502692 (0xFFE9A6E4)
YUV	193.1010, 17.2052, 34.9914
Hunter-Lab	70.8502, 30.3105, -17.2346

# Details

The Hex color **E9A6E4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6E9AB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFDEFF**, and **B071AC** is the 20% darker color. If you saturate the color by 10%, you get **E98FE2**, and if you desaturate by 10%, it is **E9BDE6**.

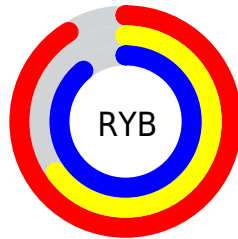
# Distribution



Red (91%)

Green (65%)

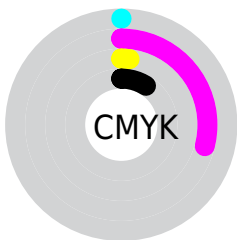
Blue (89%)



Red (91%)

Yellow (65%)

Blue (89%)

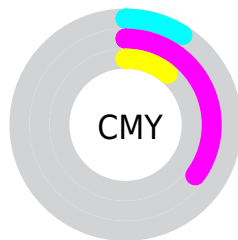


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (35%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9A6E4 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 E9A6E4 by changing the saturation by 10% instead.



 E9A6E4

 E9A6E4

FFFFFF

 CC8BC8

 FFDEFF

 B071AC

 FFFBFF

 955892

 7B3F78

 61275F

 480E47

 300030

 18001B

 000000

 E9A6E4

 E9A6E4

 E98FE2

 E9BDE6

 E977E1

 E9D5E7

 E960DF

 E9ECE9

 E949DD

 E9FFEB

 E932DB

 E9FFED

 E91ADA

 E9FFEE

 E903D8

 E9FFF0

 E900D8

 E9FFF2

 E9FFF4

# Harmonies

## Analogous

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



BDB3FE



E9A6E4



FF9FC0

# Triad

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



E9A6E4



D7B970



19CFDE

# Complementary

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



E9A6E4



A6E9AB

# 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.



51D0B8



E9A6E4



B0C478

# Square

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



E9A6E4



F4AC7D



84CC93



3DCAFB

# Rectangle

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



E9A6E4



FF9FA6



84CC93



2AD0D2



# Sweetspot

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



E9A6E4



FFE8FD



AAA6E9



80717E



000000



808080



# Same Dimension

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



E9A6E4



FFA6F8



E9A6C3



756A74



B500A8



360032



# Inverse Universe

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



E9A6E4



FFA6F8



A6E9CC



756A74



B500A8



360032



# Previews

## White Background



This preview shows how the Hex color E9A6E4 looks on a white background.

## Color Contrast Check

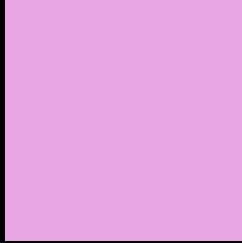
Large Text (above 18pt) WCAG AA × Fail

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 E9A6E4 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 E9A6E4 Background



This preview shows how black text looks on a background with the Hex color E9A6E4.

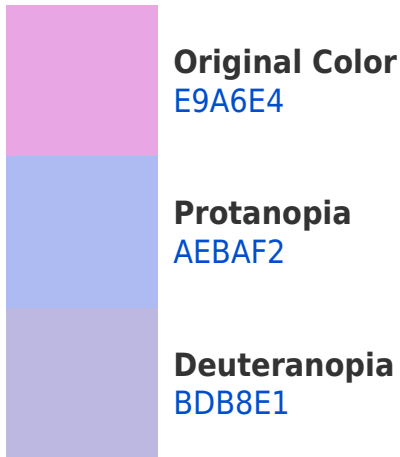


This preview shows how white text looks on a background with the Hex color E9A6E4.

# 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**  
E4AEBB

# Trichromacy



**Original Color**  
E9A6E4



**Protanomaly**  
C3B3ED



**Deuteranomaly**  
CDB1E2

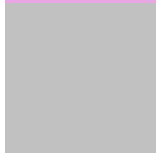


**Tritanomaly**  
E6ABCA

# Monochromacy



**Original Color**  
E9A6E4



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
D0B7CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9A6E4 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 #E9A6E4 looks like.

```
.text, #text, p{  
  color:#E9A6E4  
}
```

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 #E9A6E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9A6E4
}
```

## Border

The CSS property to change the border of an element to Hex E9A6E4 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
#E9A6E4 }
```

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

```
.border{ border-color:#E9A6E4 }
```

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

Here you see how a box with a 4 pixel #E9A6E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9A6E4; -webkit-box-shadow:4px 4px  
4px 4px #E9A6E4; box-shadow:4px 4px 4px  
4px #E9A6E4 }
```

# Background

The CSS property to change the background color of an element to Hex E9A6E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9A6E4 }
```

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

```
.background{ background-color:#E9A6E4 }
```

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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