

# Converting Colors

Hex(E9A6EC)

Have a look what the booklet for  
Hex(E9A6EC) contains.

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# Color

Hex(E9A6EC)

# Conversions

## Conversions Part 1

Format	Color
Hex	E9A6EC
RGB	233, 166, 236
RGB Percent	91%, 65%, 93%
CMY	0.0863, 0.3490, 0.0745
CMYK	0.01, 0.30, 0.00, 0.07
HSL	297°, 65%, 79%
HSV	297°, 30%, 93%
XYZ	62.3808, 50.6522, 85.8459
YIQ	194.0130, 17.4620, 35.9740

# Conversions

## Conversions Part 2

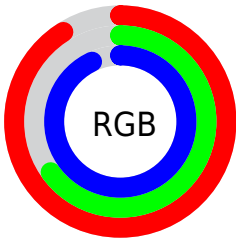
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	233, 166, 236
Decimal	15312620
CIE <sub>Lab</sub>	76.47, 35.95, -25.34
CIE <sub>LCh</sub>	76, 43.981, 324.825
Y <sub>xy</sub>	50.6522, 0.3137, 0.2547
Android (android.graphics.Color)	4293502700 (0xFFE9A6EC)
Y <sub>UV</sub>	194.0130, 20.6996, 34.1916
Hunter-Lab	71.1704, 31.9071, -21.6965

# Details

The Hex color **E9A6EC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9ECA6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFDEFF**, and **B071B4** is the 20% darker color. If you saturate the color by 10%, you get **E88EEC**, and if you desaturate by 10%, it is **EABEEC**.

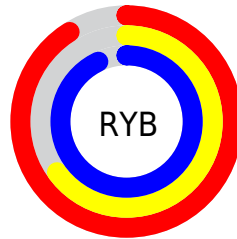
# Distribution



Red (91%)

Green (65%)

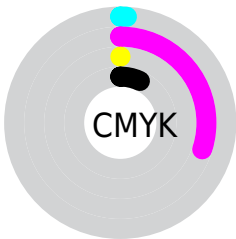
Blue (93%)



Red (91%)

Yellow (65%)

Blue (93%)

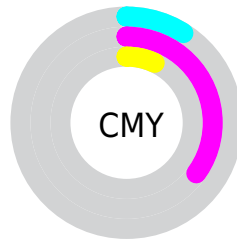


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (35%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9A6EC 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 E9A6EC by changing the saturation by 10% instead.



 E9A6EC

 E9A6EC

FFFFFF

 CC8BD0

 FFDEFF

 B071B4

 FFFBFF

 955899

 7A3F7F

 612766

 480D4D

 2F0036

 180021

 000005

 E9A6EC

 E9A6EC

 E88EEC

 EABEEC

 E777EC

 EBD5EC

 E65FEC

 ECEDEC

 E548EC

 EDF FEC

 E430EC

 EEF FEC

 E318EC

 EFF FEC

 E201EC

 F0F FEC

 E200EC

 F1F FEC

 F2F FEC

# Harmonies

## Analogous

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



B7B5FF



E9A6EC



FF9DC5

# Triad

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



E9A6EC



DDB86B



00D2DD

# Complementary

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



E9A6EC



A9ECA6

# 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.



49D2B4



E9A6EC



B4C571

# Square

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



E9A6EC



FCAA7B



85CD8C



00CDFE

# Rectangle

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



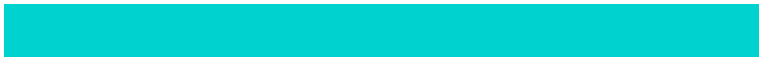
E9A6EC



FF9DAA



85CD8C



00D2D0



# Sweetspot

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



E9A6EC



FEE8FF



A6AAEC



7F7180



000000



808080



# Same Dimension

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



E9A6EC



FBA3FF



ECA6CC



756A75



AD00B5



330036



# Inverse Universe

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



ECA6A9



FFA3A7



A6ECC6



756A6A



B50008

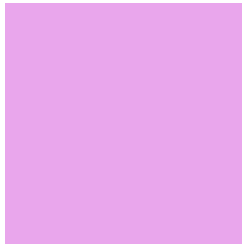


360002



# Previews

## White Background



This preview shows how the Hex color E9A6EC looks on a white background.

## Color Contrast Check

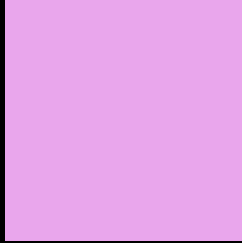
Large Text (above 18pt) WCAG AA × Fail

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 E9A6EC 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 E9A6EC Background



This preview shows how black text looks on a background with the Hex color E9A6EC.



This preview shows how white text looks on a background with the Hex color E9A6EC.

# 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**  
E2AFBD

# Trichromacy



**Original Color**  
E9A6EC



**Protanomaly**  
C2B3F6



**Deuteranomaly**  
CAB2E9

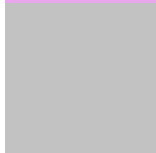


**Tritanomaly**  
E5ACCE

# Monochromacy



**Original Color**  
E9A6EC



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
D0B8D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9A6EC 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 #E9A6EC looks like.

```
.text, #text, p{  
    color:#E9A6EC  
}
```

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 #E9A6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9A6EC
}
```

## Border

The CSS property to change the border of an element to Hex E9A6EC 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
#E9A6EC }
```

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

```
.border{ border-color:#E9A6EC }
```

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

Here you see how a box with a 4 pixel #E9A6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9A6EC; -webkit-box-shadow:4px 4px  
4px 4px #E9A6EC; box-shadow:4px 4px 4px  
4px #E9A6EC }
```

# Background

The CSS property to change the background color of an element to Hex E9A6EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9A6EC }
```

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

```
.background{ background-color:#E9A6EC }
```

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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