

# Converting Colors

Hex(E974AE)

Have a look what the booklet for  
Hex(E974AE) contains.

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# **Color**

**Hex(E974AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E974AE
RGB	233, 116, 174
RGB Percent	91%, 45%, 68%
CMY	0.0863, 0.5451, 0.3176
CMYK	0.00, 0.50, 0.25, 0.09
HSL	330°, 73%, 68%
HSV	330°, 50%, 91%
XYZ	47.4896, 32.8704, 43.8860
YIQ	157.5950, 51.1140, 42.8420

# Conversions

## Conversions Part 2

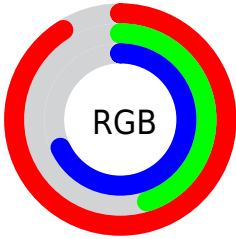
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 116, 174
Decimal	15299758
CIE <sub>Lab</sub>	64.06, 51.69, -9.71
CIE <sub>LCh</sub>	64, 52.592, 349.362
Yxy	32.8704, 0.3822, 0.2646
Android (android.graphics.Color)	4293489838 (0xFFE974AE)
YUV	157.5950, 8.0877, 66.1302
Hunter-Lab	57.3327, 47.5222, -5.2514

# Details

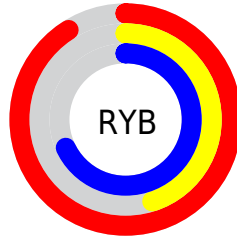
The Hex color **E974AE** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **74E9AF**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFABE5**, and **AF3E7A** is the 20% darker color. If you saturate the color by 10%, you get **E95DA2**, and if you desaturate by 10%, it is **E98BBA**.

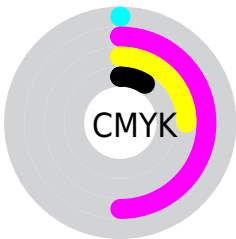
# Distribution



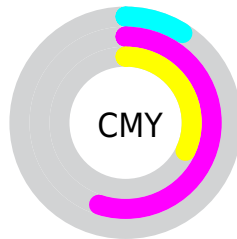
- Red (91%)
- Green (45%)
- Blue (68%)



- Red (91%)
- Yellow (45%)
- Blue (68%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (9%)



- Cyan (9%)
- Magenta (55%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E974AE 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 E974AE by changing the saturation by 10% instead.



 E974AE

 E974AE

FFFFFF

 CB5993

 FFABE5

 AF3E7A

 FFC7FF

 922061

 FFE4FF

 760049

 5B0032

 41001E

 270001

 000000

 E974AE

 E974AE

 E95DA2

 E98BBA

 E94597

 E9A3C5

 E92E8B

 E9BAD1

 E9177F

 E9D1DD

 E90074

 E9E9E9

 E9FFF4

 E9FFFF

# Harmonies

## Analogous

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



C483D9



E974AE



F2747F

# Triad

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



E974AE



98A23D



00AFE1

# Complementary

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



E974AE



74E9AF

# 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.



00B2B9



E974AE



61AC5B

# Square

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



E974AE



C4933B



00B288



00A5F7

# Rectangle

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



E974AE



EB7C62



00B288



00B1D6



# Sweetspot

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



E974AE



FFD9EC



AE74E9



806974



000000



808080



# Same Dimension

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



E974AE



FF66B2



E97474



756A6F



B5005A



36001B



# Inverse Universe

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



E974AE



FF66B2



74E9E9



756A6F



B5005A



36001B



# Previews

## White Background



This preview shows how the Hex color E974AE looks on a white background.

## Color Contrast Check

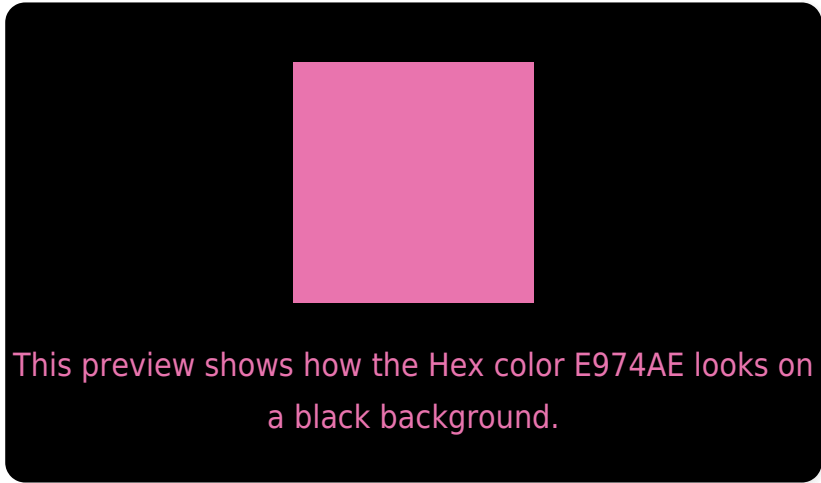
Large Text (above 18pt) WCAG AA × Fail

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 E974AE Background



This preview shows how black text looks on a background with the Hex color E974AE.

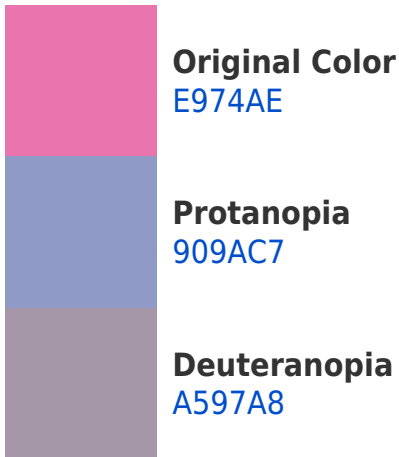


This preview shows how white text looks on a background with the Hex color E974AE.

# 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**  
E57C85

# Trichromacy



**Original Color**  
E974AE



**Protanomaly**  
B08CBE



**Deuteranomaly**  
BE8AAA

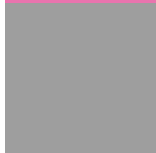


**Tritanomaly**  
E67994

# Monochromacy



**Original Color**  
E974AE



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
B98FA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E974AE 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 #E974AE looks like.

```
.text, #text, p{  
  color:#E974AE  
}
```

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 #E974AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E974AE
}
```

## Border

The CSS property to change the border of an element to Hex E974AE 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
#E974AE }
```

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

```
.border{ border-color:#E974AE }
```

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

Here you see how a box with a 4 pixel #E974AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E974AE; -webkit-box-shadow:4px 4px  
4px 4px #E974AE; box-shadow:4px 4px 4px  
4px #E974AE }
```

# Background

The CSS property to change the background color of an element to Hex E974AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E974AE }
```

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

```
.background{ background-color:#E974AE }
```

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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