

# Converting Colors

Hex(E972AC)

Have a look what the booklet for  
Hex(E972AC) contains.

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# **Color**

**Hex(E972AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E972AC
RGB	233, 114, 172
RGB Percent	91%, 45%, 67%
CMY	0.0863, 0.5529, 0.3255
CMYK	0.00, 0.51, 0.26, 0.09
HSL	331°, 73%, 68%
HSV	331°, 51%, 91%
XYZ	47.0680, 32.3368, 42.7906
YIQ	156.1930, 52.3060, 43.2660

# Conversions

## Conversions Part 2

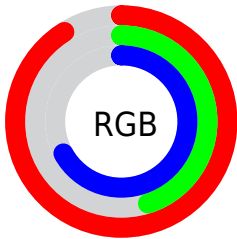
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	233, 114, 172
Decimal	15299244
CIE Lab	63.62, 52.39, -9.22
CIE LCh	64, 53.192, 350.019
Yxy	32.3368, 0.3852, 0.2646
Android (android.graphics.Color)	4293489324 (0xFFE972AC)
YUV	156.1930, 7.7929, 67.3597
Hunter-Lab	56.8655, 48.2312, -4.8092

# Details

The Hex color **E972AC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72E9AF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFA9E3**, and **AE3C78** is the 20% darker color. If you saturate the color by 10%, you get **E95BA0**, and if you desaturate by 10%, it is **E989B8**.

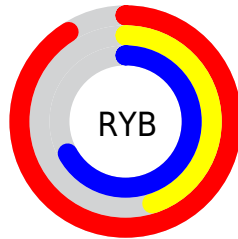
# Distribution



Red (91%)

Green (45%)

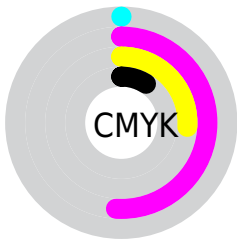
Blue (67%)



Red (91%)

Yellow (45%)

Blue (67%)

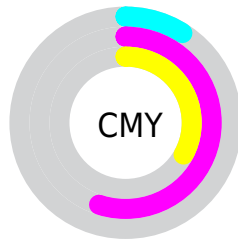


Cyan (0%)

Magenta (51%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (55%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E972AC 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 E972AC by changing the saturation by 10% instead.



 E972AC

 E972AC

FFFFFF

 CB5791

 FFA9E3

 AE3C78

 FFC6FF

 921D5F

 FFE2FF

 760047

 5A0031

 40001C

 260001

 000000

 E972AC

 E972AC

 E95BA0

 E989B8

 E94394

 E9A1C4

 E92C88

 E9B8D0

 E9157C

 E9CFDC

 E90072

 E9E7E8

 E9FEF4

 E9FFFF

# Harmonies

## Analogous

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



C581D7



E972AC



F2727C

# Triad

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



E972AC



96A13B



00AEE2

# Complementary

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



E972AC



72E9AF

# 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.



00B1B9



E972AC



5DAB5A

# Square

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



E972AC



C29239



00B188



00A4F7

# Rectangle

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



E972AC



EA7A5F



00B188



00AFD6



# Sweetspot

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



E972AC



FFD9EB



AE72E9



806974



000000



808080



# Same Dimension

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



E972AC



FF63AF



E97272



756A6F



B50058



36001A



# Inverse Universe

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



E972AC



FF63AF



72E9E9



756A6F



B50058



36001A



# Previews

## White Background



This preview shows how the Hex color E972AC looks on a white background.

## Color Contrast Check

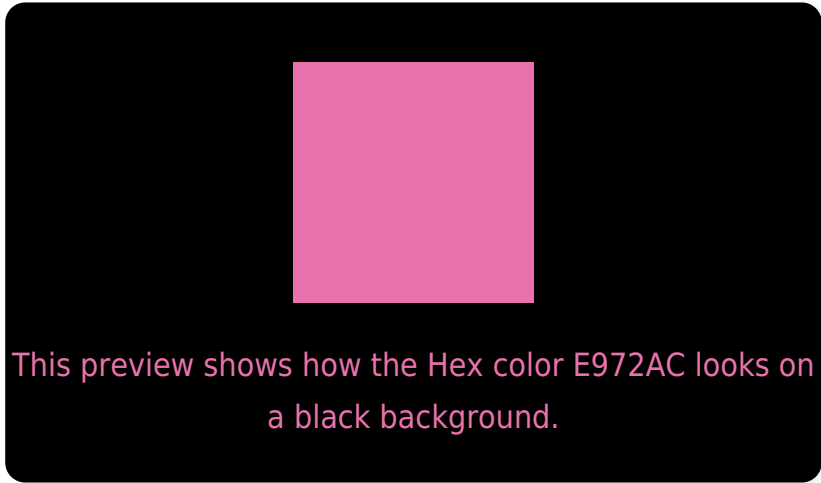
Large Text (above 18pt) WCAG AA × Fail

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 E972AC Background



This preview shows how black text looks on a background with the Hex color E972AC.




This preview shows how white text looks on a background with the Hex color E972AC.

# 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](#).

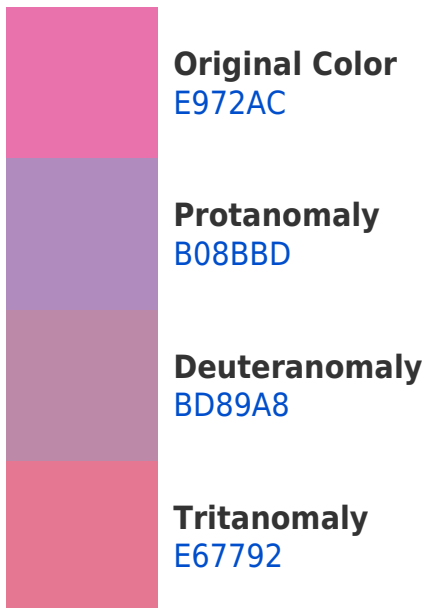
## Dichromacy





**Tritanopia**  
E57A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E972AC 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 #E972AC looks like.

```
.text, #text, p{  
    color:#E972AC  
}
```

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 #E972AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E972AC
}
```

## Border

The CSS property to change the border of an element to Hex E972AC 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
#E972AC }
```

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

```
.border{ border-color:#E972AC }
```

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

Here you see how a box with a 4 pixel #E972AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E972AC; -webkit-box-shadow:4px 4px  
4px 4px #E972AC; box-shadow:4px 4px 4px  
4px #E972AC }
```

# Background

The CSS property to change the background color of an element to Hex E972AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E972AC }
```

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

```
.background{ background-color:#E972AC }
```

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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