

Converting Colors

Hex(C873AC)

Have a look what the booklet for
Hex(C873AC) contains.

Hex(C873AC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C873AC)

Conversions

Conversions Part 1

Format	Color
Hex	C873AC
RGB	200, 115, 172
RGB Percent	78%, 45%, 67%
CMY	0.2157, 0.5490, 0.3255
CMYK	0.00, 0.43, 0.14, 0.22
HSL	320°, 44%, 62%
HSV	320°, 42%, 78%
XYZ	37.3965, 27.5194, 42.3705
YIQ	146.9130, 32.3630, 35.7470

Conversions

Conversions Part 2

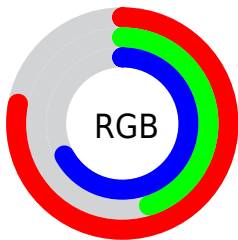
Format	Color
RYB	200, 115, 172
Decimal	13136812
CIELab	59.45, 41.16, -15.93
CIELCh	59, 44.132, 338.847
Yxy	27.5194, 0.3486, 0.2565
Android (android.graphics.Color)	4291326892 (0xFFC873AC)
YUV	146.9130, 12.3679, 46.5573
Hunter-Lab	52.4589, 35.4447, -11.1666

Details

The Hex color **C873AC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73C88F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA9E3**, and **904078** is the 20% darker color. If you saturate the color by 10%, you get **C85FA5**, and if you desaturate by 10%, it is **C887B3**.

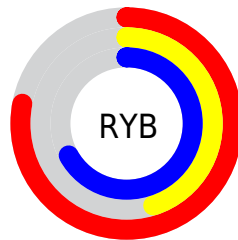
Distribution



Red (78%)

Green (45%)

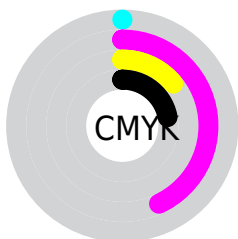
Blue (67%)



Red (78%)

Yellow (45%)

Blue (67%)

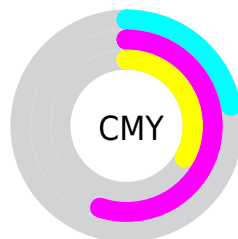


Cyan (0%)

Magenta (43%)

Yellow (14%)

Black (22%)



Cyan (22%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color C873AC 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 C873AC by changing the saturation by 10% instead.

 C873AC

 C873AC

FFFFFF

 AC5991

 FFA9E3

 904078

 FFC5FF

 75265F

 FFE1FF

 5B0847

FFFEFF

 420030

 2C001C

 000000

 C873AC

 C873AC

 C85FA5

 C887B3

 C84B9F

 C89BB9

 C83798

 C8AFC0

 C82392

 C8C3C6

 C80F8B

 C8D7CD

 C80086

 C8EBD4

 C8FFDA

 C8FFE1

 C8FFE7

Harmonies

Analogous

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



A180CC



C873AC



D86E85

Triad

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



C873AC



9B9140



00A1BF

Complementary

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



C873AC



73C88F

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.



00A39A



C873AC



719B50

Square

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



C873AC



BD8346



39A172



009BD7

Rectangle

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



C873AC



D7726C



39A172



00A2B3

Sweetspot

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



C873AC



FFDEF4



8E73C8



806B79



000000



808080

Same Dimension

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



C873AC



FF7DD4



C87383



635A60



A3006D



240018

Inverse Universe

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



C873AC



FF7DD4



73C8B8



635A60



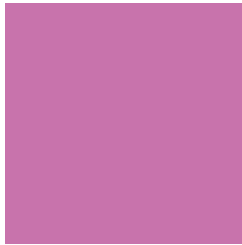
A3006D



240018

Previews

White Background



This preview shows how the Hex color C873AC looks on a white background.

Color Contrast Check

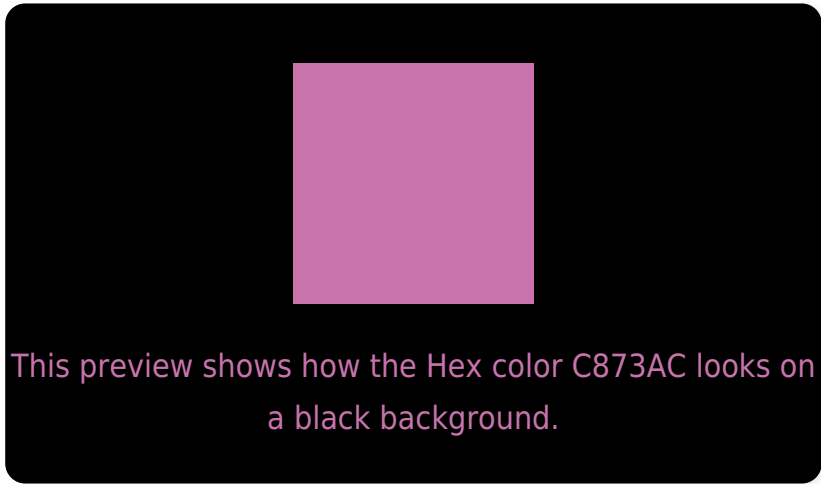
Large Text (above 18pt) WCAG AA ✓ Pass

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

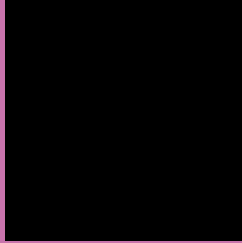
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C873AC Background



This preview shows how black text looks on a background with the Hex color C873AC.

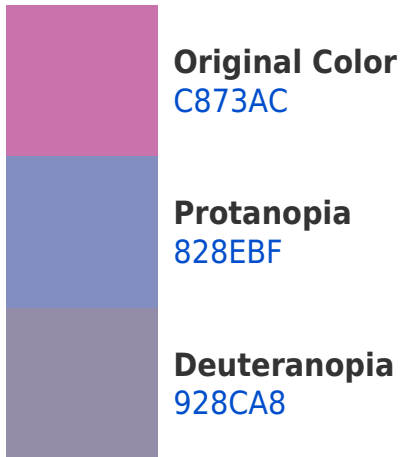


This preview shows how white text looks on a background with the Hex color C873AC.

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
C47B84

Trichromacy



Original Color
C873AC



Protanomaly
9B84B8



Deuteranomaly
A683A9

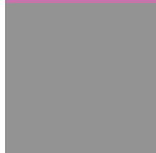


Tritanomaly
C57893

Monochromacy



Original Color
C873AC



Achromatopsia
939393



Achromatomaly
A6879C

CSS Examples

Text

The CSS property to change the color of the text to Hex C873AC 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 #C873AC looks like.

```
.text, #text, p{  
    color:#C873AC  
}
```

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 #C873AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C873AC
}
```

Border

The CSS property to change the border of an element to Hex C873AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

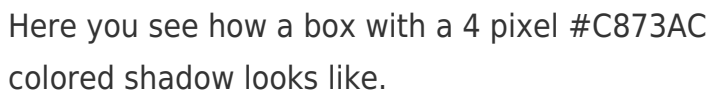
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C873AC }
```

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

```
.border{ border-color:#C873AC }
```

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



Here you see how a box with a 4 pixel `#C873AC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C873AC; -webkit-box-shadow:4px 4px  
4px 4px #C873AC; box-shadow:4px 4px 4px  
4px #C873AC }
```

Background

The CSS property to change the background color of an element to Hex C873AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C873AC }
```

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

```
.background{ background-color:#C873AC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor