

# Converting Colors

Hex(CC74A9)

Have a look what the booklet for  
Hex(CC74A9) contains.

<b>Hex(CC74A9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CC74A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC74A9
RGB	204, 116, 169
RGB Percent	80%, 45%, 66%
CMY	0.2000, 0.5451, 0.3373
CMYK	0.00, 0.43, 0.17, 0.20
HSL	324°, 46%, 63%
HSV	324°, 43%, 80%
XYZ	38.3087, 28.1927, 40.9588
YIQ	148.3540, 35.4350, 35.1390

# Conversions

## Conversions Part 2

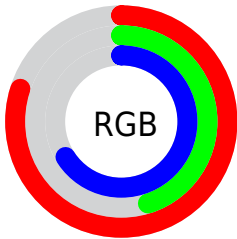
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 116, 169
Decimal	13399209
CIE <sub>Lab</sub>	60.06, 41.48, -13.23
CIE <sub>LCh</sub>	60, 43.541, 342.307
Yxy	28.1927, 0.3565, 0.2624
Android (android.graphics.Color)	4291589289 (0xFFCC74A9)
YUV	148.3540, 10.1785, 48.8015
Hunter-Lab	53.0968, 35.8660, -8.5684

# Details

The Hex color **CC74A9** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **74CC97**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAAE0**, and **944075** is the 20% darker color. If you saturate the color by 10%, you get **CC60A1**, and if you desaturate by 10%, it is **CC88B1**.

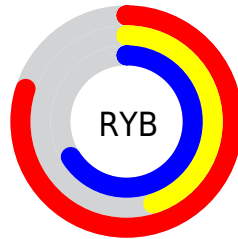
# Distribution



Red (80%)

Green (45%)

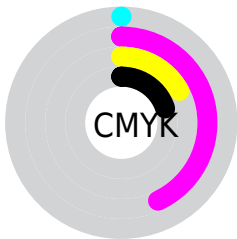
Blue (66%)



Red (80%)

Yellow (45%)

Blue (66%)

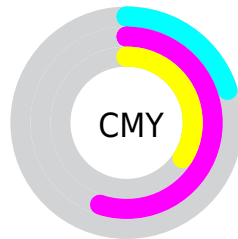


Cyan (0%)

Magenta (43%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC74A9 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 CC74A9 by changing the saturation by 10% instead.



 CC74A9

 CC74A9

FFFFFF

 B05A8F

 FFAAE0

 944075

 FFC6FD

 79275C

 FFE2FF

 5E0845

 45002E

 2F001A

 000000

 CC74A9

 CC74A9

 CC60A1

 CC88B1

 CC4B99

 CC9DB9

 CC3791

 CCB1C1

 CC2289

 CCC6C9

 CC0E80

 CCDAD2

 CC007B

 CCEEDA

 CCFFE2

 CCFFEA

 CCFFF2

# Harmonies

## Analogous

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



A881CA



CC74A9



D97182

# Triad

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



CC74A9



989443



00A2C3

# Complementary

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



CC74A9



74CC97

# 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.



00A4A0



CC74A9



6E9D56

# Square

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



CC74A9



BB8747



34A378



009BD9

# Rectangle

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



CC74A9



D7756A



34A378



00A3B9



# Sweetspot

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



CC74A9



FFDEF2



9674CC



806B77



000000



808080



# Same Dimension

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



CC74A9



FF7ACA



CC747E



665C62



A60064



260017



# Inverse Universe

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



CC74A9



FF7ACA



74CCC2



665C62



A60064

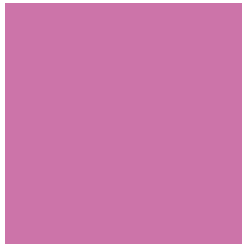


260017



# Previews

## White Background



This preview shows how the Hex color CC74A9 looks on a white background.

## Color Contrast Check

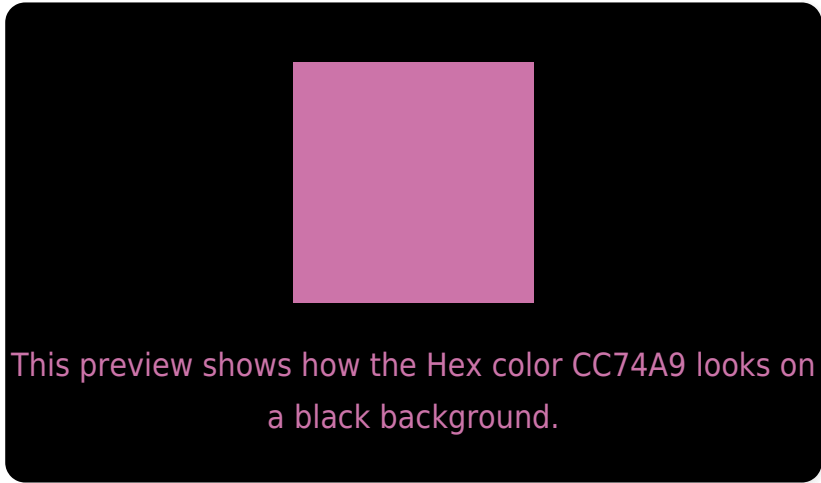
Large Text (above 18pt) WCAG AA ✓ Pass

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

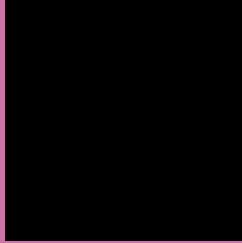
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC74A9 Background



This preview shows how black text looks on a background with the Hex color CC74A9.

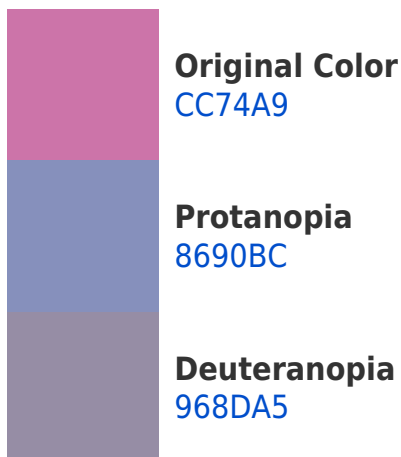


This preview shows how white text looks on a background with the Hex color CC74A9.

# 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**  
C87B84

# Trichromacy



**Original Color**  
CC74A9



**Protanomaly**  
9F86B5



**Deuteranomaly**  
AA84A6

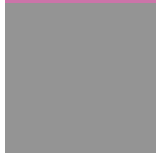


**Tritanomaly**  
C97891

# Monochromacy



**Original Color**  
CC74A9



**Achromatopsia**  
949494



**Achromatomaly**  
A8889C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC74A9 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 #CC74A9 looks like.

```
.text, #text, p{  
    color:#CC74A9  
}
```

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 #CC74A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC74A9
}
```

## Border

The CSS property to change the border of an element to Hex CC74A9 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
#CC74A9 }
```

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

```
.border{ border-color:#CC74A9 }
```

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

Here you see how a box with a 4 pixel #CC74A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC74A9; -webkit-box-shadow:4px 4px  
4px 4px #CC74A9; box-shadow:4px 4px 4px  
4px #CC74A9 }
```

# Background

The CSS property to change the background color of an element to Hex CC74A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC74A9 }
```

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

```
.background{ background-color:#CC74A9 }
```

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