

Converting Colors

Hex(CA74A8)

Have a look what the booklet for
Hex(CA74A8) contains.

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Color

Hex(CA74A8)

Conversions

Conversions Part 1

Format	Color
Hex	CA74A8
RGB	202, 116, 168
RGB Percent	79%, 45%, 66%
CMY	0.2078, 0.5451, 0.3412
CMYK	0.00, 0.43, 0.17, 0.21
HSL	324°, 45%, 62%
HSV	324°, 43%, 79%
XYZ	37.6704, 27.8745, 40.4407
YIQ	147.6420, 34.5640, 34.4040

Conversions

Conversions Part 2

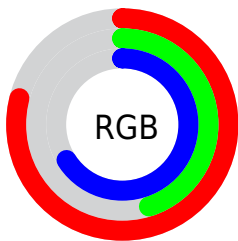
Format	Color
R _{YB}	202, 116, 168
Decimal	13268136
CIE Lab	59.78, 40.66, -13.12
CIE LCh	60, 42.721, 342.119
Yxy	27.8745, 0.3554, 0.2630
Android (android.graphics.Color)	4291458216 (0xFFCA74A8)
YUV	147.6420, 10.0365, 47.6720
Hunter-Lab	52.7963, 34.9670, -8.4573

Details

The Hex color **CA74A8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **74CA96**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAADF**, and **924174** is the 20% darker color. If you saturate the color by 10%, you get **CA60A0**, and if you desaturate by 10%, it is **CA88B0**.

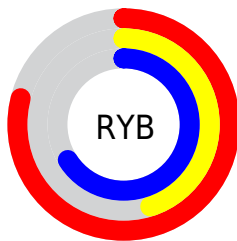
Distribution



Red (79%)

Green (45%)

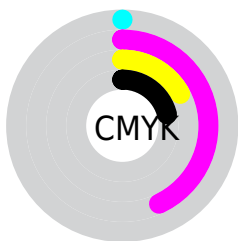
Blue (66%)



Red (79%)

Yellow (45%)

Blue (66%)

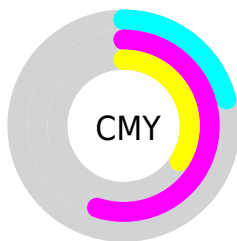


Cyan (0%)

Magenta (43%)

Yellow (17%)

Black (21%)



Cyan (21%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA74A8 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 CA74A8 by changing the saturation by 10% instead.

CA74A8

CA74A8

FFFFFF

AE5A8E

FFAADF

924174

FFC6FC

77275B

FFE2FF

5D0944

43002D

2E0019

000000

CA74A8

CA74A8

CA60A0

CA88B0

CA4C98

CA9CB8

CA3790

CAB1C0

CA2388

CAC5C8

CA0F80

CAD9D0

CA007A

CAEDD8

CAFFE0

CAFFE8

CAFFF0

Harmonies

Analogous

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



A780C8



CA74A8



D77182

Triad

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



CA74A8



989344



00A1C1

Complementary

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



CA74A8



74CA96

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.



00A39F



CA74A8



6F9C56

Square

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



CA74A8



BA8648



36A278



009AD7

Rectangle

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



CA74A8



D5756A



36A278



00A2B7

Sweetspot

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



CA74A8



FFDEF2



9574CA



806B77



000000



808080

Same Dimension

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



CA74A8



FF7DCC



CA747E



665C62



A60064



260017

Inverse Universe

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



CA74A8



FF7DCC



74CAC0



665C62



A60064



260017

Previews

White Background



This preview shows how the Hex color CA74A8 looks on a white background.

Color Contrast Check

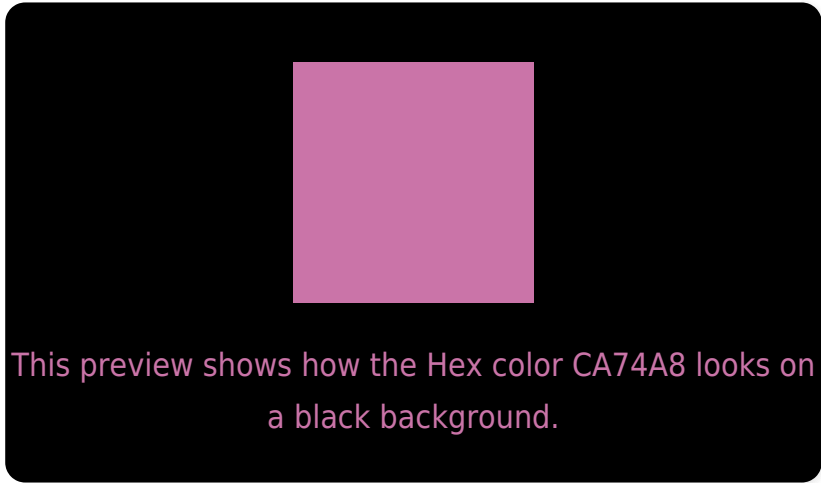
Large Text (above 18pt) WCAG AA ✓ Pass

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

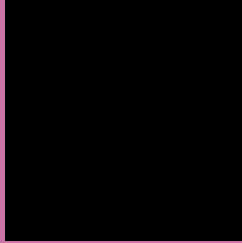
Any Text WCAG AA ✓ Pass

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 CA74A8 Background



This preview shows how black text looks on a background with the Hex color CA74A8.

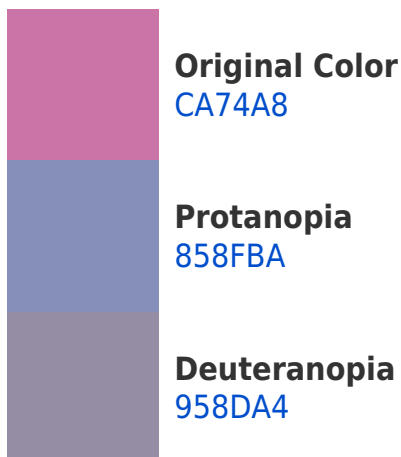


This preview shows how white text looks on a background with the Hex color CA74A8.

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
C67B84

Trichromacy



Original Color
CA74A8



Protanomaly
9E85B3



Deuteranomaly
A884A5

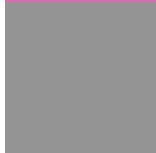


Tritanomaly
C77891

Monochromacy



Original Color
CA74A8



Achromatopsia
949494



Achromatomaly
A8889B

CSS Examples

Text

The CSS property to change the color of the text to Hex CA74A8 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 #CA74A8 looks like.

```
.text, #text, p{  
    color:#CA74A8  
}
```

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 #CA74A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA74A8
}
```

Border

The CSS property to change the border of an element to Hex CA74A8 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
#CA74A8 }
```

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

```
.border{ border-color:#CA74A8 }
```

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

Here you see how a box with a 4 pixel #CA74A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA74A8; -webkit-box-shadow:4px 4px  
4px 4px #CA74A8; box-shadow:4px 4px 4px  
4px #CA74A8 }
```

Background

The CSS property to change the background color of an element to Hex CA74A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA74A8 }
```

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

```
.background{ background-color:#CA74A8 }
```

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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