

Converting Colors

Hex(C76BA9)

Have a look what the booklet for
Hex(C76BA9) contains.

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Color

Hex(C76BA9)

Conversions

Conversions Part 1

Format	Color
Hex	C76BA9
RGB	199, 107, 169
RGB Percent	78%, 42%, 66%
CMY	0.2196, 0.5804, 0.3373
CMYK	0.00, 0.46, 0.15, 0.22
HSL	320°, 45%, 60%
HSV	320°, 46%, 78%
XYZ	35.9723, 25.5221, 40.5664
YIQ	141.5760, 34.9300, 38.7860

Conversions

Conversions Part 2

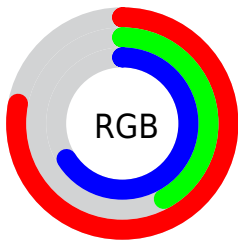
Format	Color
RYB	199, 107, 169
Decimal	13069225
CIELab	57.58, 44.51, -17.05
CIELCh	58, 47.666, 339.042
Yxy	25.5221, 0.3525, 0.2501
Android (android.graphics.Color)	4291259305 (0xFFC76BA9)
YUV	141.5760, 13.5200, 50.3608
Hunter-Lab	50.5194, 38.6920, -12.2456

Details

The Hex color **C76BA9** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6BC789**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA1E0**, and **8F3775** is the 20% darker color. If you saturate the color by 10%, you get **C757A3**, and if you desaturate by 10%, it is **C77FAF**.

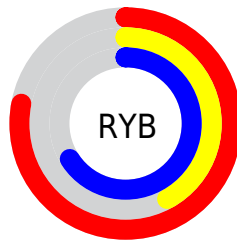
Distribution



Red (78%)

Green (42%)

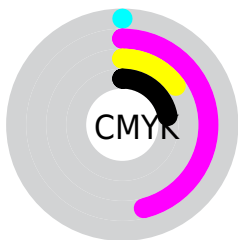
Blue (66%)



Red (78%)

Yellow (42%)

Blue (66%)

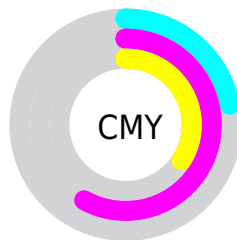


Cyan (0%)

Magenta (46%)

Yellow (15%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76BA9 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 C76BA9 by changing the saturation by 10% instead.

 C76BA9

 C76BA9

FFFFFF

 AB518E

 FFA1E0

 8F3775

 FFBCFD

 741C5C

 FFD9FF

 5A0044

 FFF6FF

 40002E

 290019

 000000

 C76BA9

 C76BA9

 C757A3

 C77FAF

 C7439C

 C793B6

 C72F96

 C7A7BC

 C71B8F

 C7BBC3

 C70889

 C7CFC9

 C70086

 C7E2D0

 C7F6D6

 C7FFDD

 C7FFE3

Harmonies

Analogous

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



9E7ACB



C76BA9



D7667F

Triad

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



C76BA9



968C33



009DBE

Complementary

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



C76BA9



6BC789

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.



009F96



C76BA9



699747

Square

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



C76BA9



BA7E3B



239D6B



0097D8

Rectangle

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



C76BA9



D66A64



239D6B



009EB1

Sweetspot

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



C76BA9



FFDBF3



886BC7



806A78



000000



808080

Same Dimension

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



C76BA9



FF73D1



C76B7C



635A60



A3006E



240018

Inverse Universe

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



C76BA9



FF73D1



6BC7B6



635A60



A3006E



240018

Previews

White Background



This preview shows how the Hex color C76BA9 looks on a white background.

Color Contrast Check

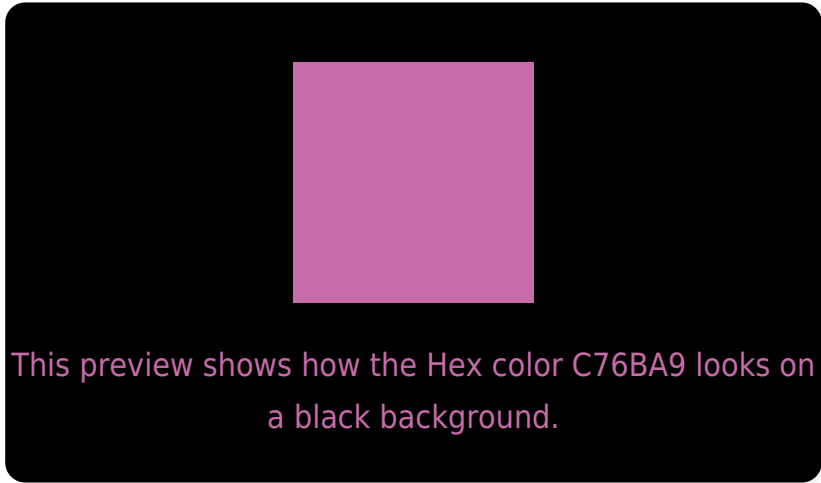
Large Text (above 18pt) WCAG AA ✓ Pass

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

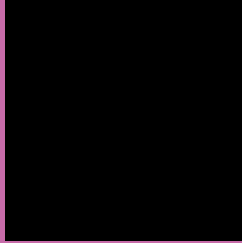
Any Text WCAG AA ✓ Pass

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 C76BA9 Background



This preview shows how black text looks on a background with the Hex color C76BA9.

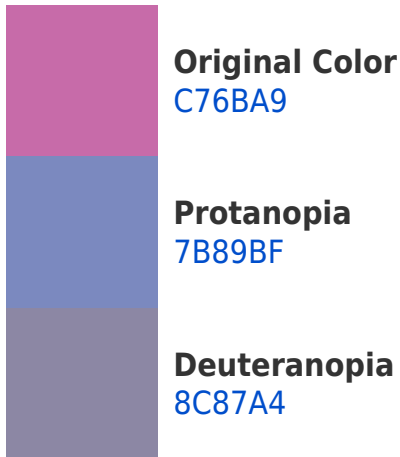


This preview shows how white text looks on a background with the Hex color C76BA9.

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
C2747D

Trichromacy



Original Color
C76BA9



Protanomaly
977EB7



Deuteranomaly
A17DA6

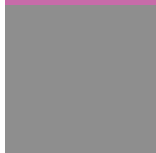


Tritanomaly
C4718D

Monochromacy



Original Color
C76BA9



Achromatopsia
8E8E8E



Achromatomaly
A38198

CSS Examples

Text

The CSS property to change the color of the text to Hex C76BA9 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 #C76BA9 looks like.

```
.text, #text, p{  
    color:#C76BA9  
}
```

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 #C76BA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76BA9
}
```

Border

The CSS property to change the border of an element to Hex C76BA9 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
#C76BA9 }
```

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

```
.border{ border-color:#C76BA9 }
```

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

Here you see how a box with a 4 pixel #C76BA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76BA9; -webkit-box-shadow:4px 4px  
4px 4px #C76BA9; box-shadow:4px 4px 4px  
4px #C76BA9 }
```

Background

The CSS property to change the background color of an element to Hex C76BA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76BA9 }
```

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

```
.background{ background-color:#C76BA9 }
```

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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