

Converting Colors

Hex(C76DA4)

Have a look what the booklet for
Hex(C76DA4) contains.

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Color

Hex(C76DA4)

Conversions

Conversions Part 1

Format	Color
Hex	C76DA4
RGB	199, 109, 164
RGB Percent	78%, 43%, 64%
CMY	0.2196, 0.5725, 0.3569
CMYK	0.00, 0.45, 0.18, 0.22
HSL	323°, 45%, 60%
HSV	323°, 45%, 78%
XYZ	35.7227, 25.7597, 38.2113
YIQ	142.1800, 35.9850, 36.1850

Conversions

Conversions Part 2

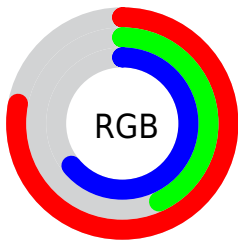
Format	Color
R _{YB}	199, 109, 164
Decimal	13069732
CIE Lab	57.81, 42.69, -13.82
CIE LCh	58, 44.873, 342.067
Yxy	25.7597, 0.3583, 0.2584
Android (android.graphics.Color)	4291259812 (0xFFC76DA4)
YUV	142.1800, 10.7573, 49.8311
Hunter-Lab	50.7540, 36.8157, -9.1099

Details

The Hex color **C76DA4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6DC790**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA3DB**, and **8F3970** is the 20% darker color. If you saturate the color by 10%, you get **C7599C**, and if you desaturate by 10%, it is **C781AC**.

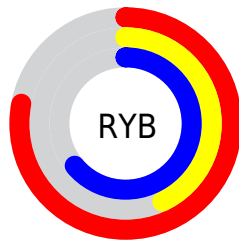
Distribution



Red (78%)

Green (43%)

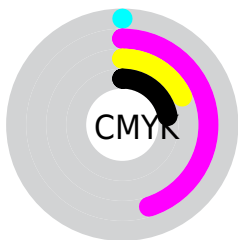
Blue (64%)



Red (78%)

Yellow (43%)

Blue (64%)

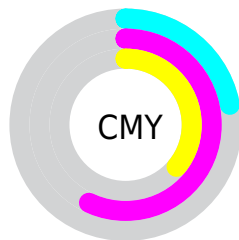


Cyan (0%)

Magenta (45%)

Yellow (18%)

Black (22%)



Cyan (22%)

Magenta (57%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76DA4 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 C76DA4 by changing the saturation by 10% instead.

 C76DA4

 C76DA4

FFFFFF

 AB538A

 FFA3DB

 8F3970

 FFBEF8

 741F58

 FFDBFF

 5A0040

 FFF8FF

 40002A

 2A0016

 000000

 C76DA4

 C76DA4

 C7599C

 C781AC

 C74595

 C795B3

 C7318D

 C7A9BB

 C71D85

 C7BDC3

 C70A7D

 C7D1CB

 C7007A

 C7E4D2

 C7F8DA

 C7FFE2

 C7FFEA

Harmonies

Analogous

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



A27AC5



C76DA4



D56A7C

Triad

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



C76DA4



938E3B



009DBE

Complementary

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



C76DA4



6DC790

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.



009F9A



C76DA4



67984E

Square

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



C76DA4



B5803F



279D71



0096D5

Rectangle

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



C76DA4



D26E63



279D71



009EB3

Sweetspot

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



C76DA4



FFDBF1



906DC7



806A77



000000



808080

Same Dimension

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



C76DA4



FF75C9



C76D78



635A60



A30064



240016

Inverse Universe

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



C76DA4



FF75C9



6DC7BD



635A60



A30064



240016

Previews

White Background



This preview shows how the Hex color C76DA4 looks on a white background.

Color Contrast Check

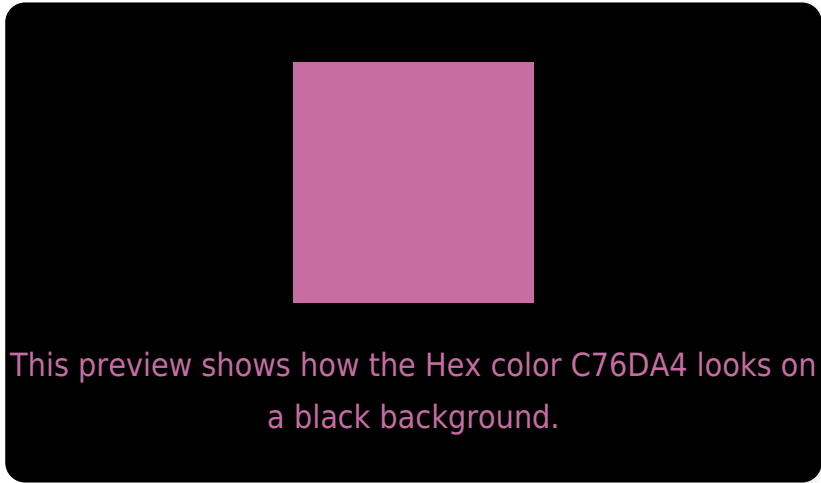
Large Text (above 18pt) WCAG AA ✓ Pass

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

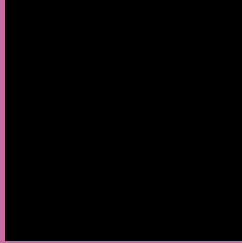
Any Text WCAG AA ✓ Pass

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 C76DA4 Background



This preview shows how black text looks on a background with the Hex color C76DA4.



This preview shows how white text looks on a background with the Hex color C76DA4.

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



Original Color
C76DA4

Protanopia
7F8AB8

Deuteranopia
8F889F



Tritanopia
C3757D

Trichromacy



Original Color
C76DA4



Protanomaly
997FB1



Deuteranomaly
A37EA1

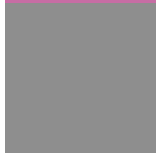


Tritanomaly
C4728B

Monochromacy



Original Color
C76DA4



Achromatopsia
8E8E8E



Achromatomaly
A38296

CSS Examples

Text

The CSS property to change the color of the text to Hex C76DA4 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 #C76DA4 looks like.

```
.text, #text, p{  
    color:#C76DA4  
}
```

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 #C76DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76DA4
}
```

Border

The CSS property to change the border of an element to Hex C76DA4 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
#C76DA4 }
```

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

```
.border{ border-color:#C76DA4 }
```

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

Here you see how a box with a 4 pixel #C76DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76DA4; -webkit-box-shadow:4px 4px  
4px 4px #C76DA4; box-shadow:4px 4px 4px  
4px #C76DA4 }
```

Background

The CSS property to change the background color of an element to Hex C76DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76DA4 }
```

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

```
.background{ background-color:#C76DA4 }
```

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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