

Converting Colors

Hex(C76C88)

Have a look what the booklet for
Hex(C76C88) contains.

Hex(C76C88)	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(C76C88)

Conversions

Conversions Part 1

Format	Color
Hex	C76C88
RGB	199, 108, 136
RGB Percent	78%, 42%, 53%
CMY	0.2196, 0.5765, 0.4667
CMYK	0.00, 0.46, 0.32, 0.22
HSL	342°, 45%, 60%
HSV	342°, 46%, 78%
XYZ	33.3597, 24.6448, 26.2912
YIQ	138.4010, 45.2480, 28.0000

Conversions

Conversions Part 2

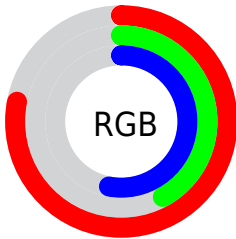
Format	Color
RYB	199, 108, 136
Decimal	13069448
CIELab	56.73, 39.21, 0.85
CIELCh	57, 39.222, 1.244
Yxy	24.6448, 0.3957, 0.2924
Android (android.graphics.Color)	4291259528 (0xFFC76C88)
YUV	138.4010, -1.1837, 53.1453
Hunter-Lab	49.6435, 33.0730, 3.3505

Details

The Hex color **C76C88** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6CC7AB**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA1BD**, and **8E3956** is the 20% darker color. If you saturate the color by 10%, you get **C7587A**, and if you desaturate by 10%, it is **C78096**.

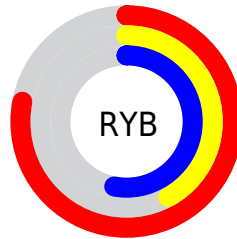
Distribution



Red (78%)

Green (42%)

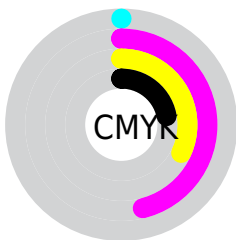
Blue (53%)



Red (78%)

Yellow (42%)

Blue (53%)

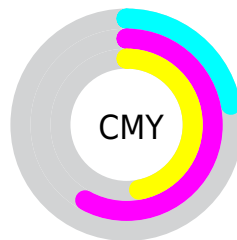


Cyan (0%)

Magenta (46%)

Yellow (32%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color C76C88 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 C76C88 by changing the saturation by 10% instead.

 C76C88

 C76C88

FFFFFF

 AA526F

 FFA1BD

 8E3956

 FFBDD9

 731F3F

 FFD9F5

 580029

 FFF6FF

 3E0015

 270001

 000000

 C76C88

 C76C88

 C7587A

 C78096

 C7446C

 C794A4

 C7305F

 C7A8B1

 C71C51

 C7BCBF

 C70943

 C7D0CD

 C7003D

 C7E3DB

 C7F7E8

 C7FFF6

 C7FFFF

Harmonies

Analogous

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



B472AA



C76C88



C77066

Triad

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



C76C88



78914C



0094C3

Complementary

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



C76C88



6CC7AB

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.



0099AA



C76C88



4D9766

Square

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



C76C88



9C8742



009A88



528BCC

Rectangle

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



C76C88



BE7654



009A88



0096BC

Sweetspot

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



C76C88



FFDBE6



AA6CC7



806A70



000000



808080

Same Dimension

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



C76C88



FF739E



C77D6C



635A5D



A30032



24000B

Inverse Universe

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



C76C88



FF739E



6CB6C7



635A5D



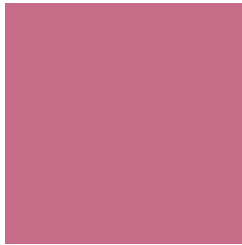
A30032



24000B

Previews

White Background



This preview shows how the Hex color C76C88 looks on a white background.

Color Contrast Check

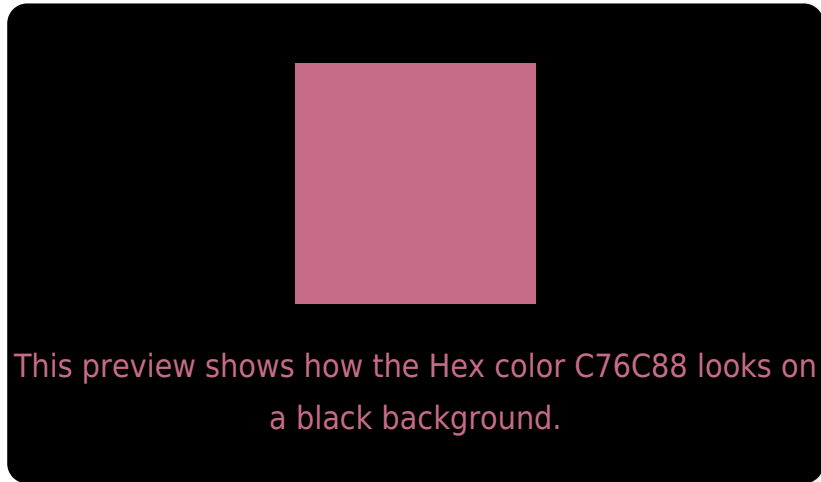
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76C88 Background



This preview shows how black text looks on a background with the Hex color C76C88.



This preview shows how white text looks on a background with the Hex color C76C88.

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](#).

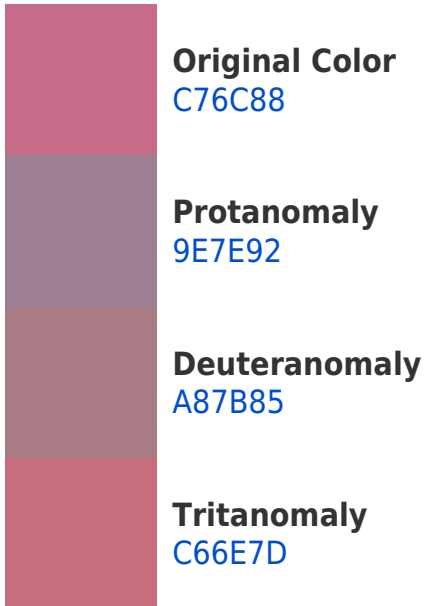
Dichromacy





Tritanopia
C56F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C76C88 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 #C76C88 looks like.

```
.text, #text, p{  
    color:#C76C88  
}
```

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 #C76C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76C88 }  
}
```

Border

The CSS property to change the border of an element to Hex C76C88 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 #C76C88 }  
}
```

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

```
.border{ border-color:#C76C88 }
```

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

Here you see how a box with a 4 pixel #C76C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76C88; -webkit-box-shadow:4px 4px  
4px 4px #C76C88; box-shadow:4px 4px 4px  
4px #C76C88 }
```

Background

The CSS property to change the background color of an element to Hex C76C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76C88 }
```

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

```
.background{ background-color:#C76C88 }
```

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