

# Converting Colors

Hex(C76F8A)

Have a look what the booklet for  
Hex(C76F8A) contains.

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**Color**

**Hex(C76F8A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C76F8A
RGB	199, 111, 138
RGB Percent	78%, 44%, 54%
CMY	0.2196, 0.5647, 0.4588
CMYK	0.00, 0.44, 0.31, 0.22
HSL	342°, 44%, 61%
HSV	342°, 44%, 78%
XYZ	33.8251, 25.3460, 27.1542
YIQ	140.3900, 43.7810, 27.0530

# Conversions

## Conversions Part 2

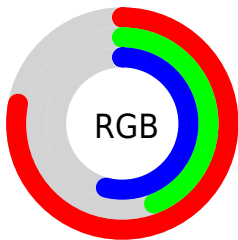
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 111, 138
Decimal	13070218
CIELab	57.41, 37.90, 0.68
CIELCh	57, 37.906, 1.030
Yxy	25.3460, 0.3918, 0.2936
Android (android.graphics.Color)	4291260298 (0xFFC76F8A)
YUV	140.3900, -1.1783, 51.4010
Hunter-Lab	50.3448, 31.8252, 3.2624

# Details

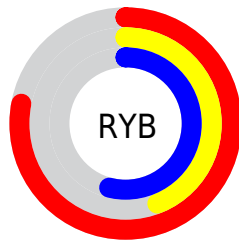
The Hex color **C76F8A** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6FC7AC**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA4BF**, and **8F3C58** is the 20% darker color. If you saturate the color by 10%, you get **C75B7C**, and if you desaturate by 10%, it is **C78398**.

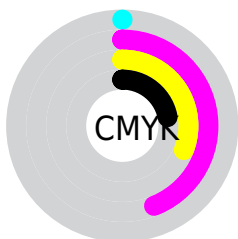
# Distribution



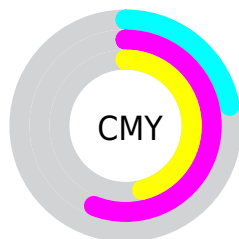
- Red (78%)
- Green (44%)
- Blue (54%)



- Red (78%)
- Yellow (44%)
- Blue (54%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)
- Black (22%)



- Cyan (22%)
- Magenta (56%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C76F8A 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 C76F8A by changing the saturation by 10% instead.



 C76F8A

 C76F8A

FFFFFF

 AB5571

 FFA4BF

 8F3C58

 FFC0DB

 732341

 FFDCF8

 59052B

 FFF9FF

 3F0017

 280001

 000000

 C76F8A

 C76F8A

 C75B7C

 C78398

 C7476E

 C797A6

 C73361

 C7ABB3

 C71F53

 C7BFC1

 C70C45

 C7D3CF

 C7003D

 C7E6DD

 C7FAEB

 C7FFF8

 C7FFFF

# Harmonies

## Analogous

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



B475AA



C76F8A



C77269

# Triad

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



C76F8A



7B9250



0096C3

# Complementary

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



C76F8A



6FC7AC

# 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.



009AAB



C76F8A



529869

# Square

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



C76F8A



9D8846



0A9B8A



578DCC

# Rectangle

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



C76F8A



BF7958



0A9B8A



0098BC



# Sweetspot

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



C76F8A



FFDEE8



AB6FC7



806B71



000000



808080



# Same Dimension

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



C76F8A



FF78A1



C77F6F



635A5D



A30032



24000B



# Inverse Universe

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



C76F8A



FF78A1



6FB7C7



635A5D



A30032

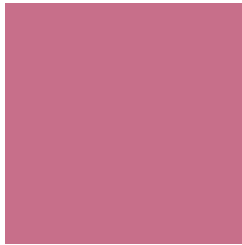


24000B



# Previews

## White Background



This preview shows how the Hex color C76F8A looks on a white background.

## Color Contrast Check

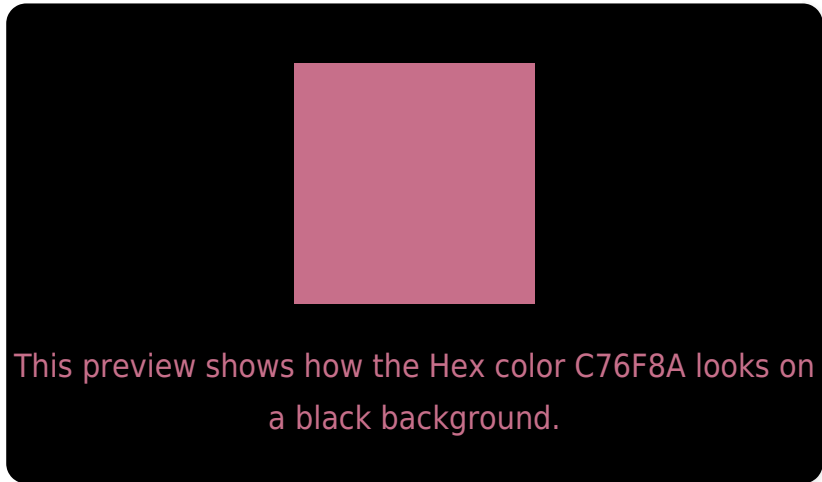
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76F8A Background



This preview shows how black text looks on a background with the Hex color C76F8A.



This preview shows how white text looks on a background with the Hex color C76F8A.

# 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**  
C76F8A

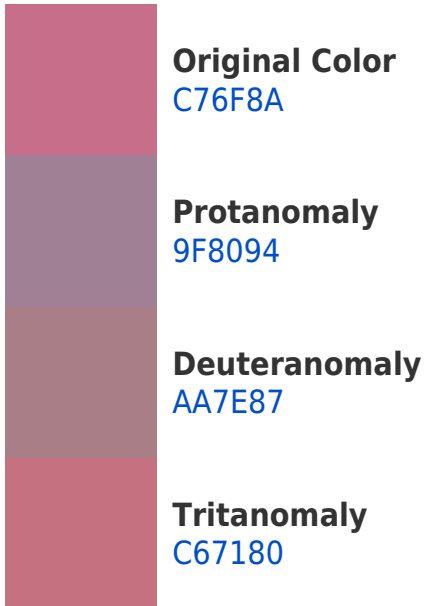
**Protanopia**  
88899A

**Deuteranopia**  
998686

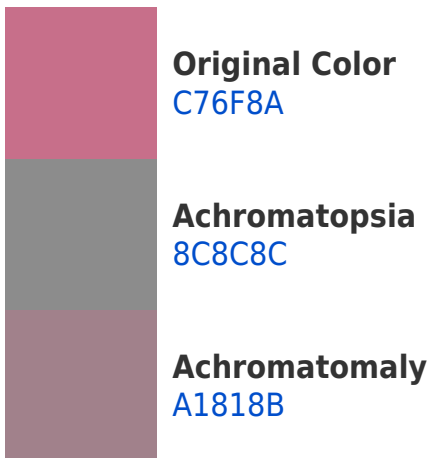


**Tritanopia**  
C6727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C76F8A 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 #C76F8A looks like.

```
.text, #text, p{  
    color:#C76F8A  
}
```

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 #C76F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76F8A
}
```

## Border

The CSS property to change the border of an element to Hex C76F8A 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
#C76F8A }
```

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

```
.border{ border-color:#C76F8A }
```

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

Here you see how a box with a 4 pixel #C76F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76F8A; -webkit-box-shadow:4px 4px  
4px 4px #C76F8A; box-shadow:4px 4px 4px  
4px #C76F8A }
```

# Background

The CSS property to change the background color of an element to Hex C76F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76F8A }
```

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

```
.background{ background-color:#C76F8A }
```

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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