

# Converting Colors

Hex(C76B6D)

Have a look what the booklet for  
Hex(C76B6D) contains.

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# Color

**Hex(C76B6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C76B6D
RGB	199, 107, 109
RGB Percent	78%, 42%, 43%
CMY	0.2196, 0.5804, 0.5725
CMYK	0.00, 0.46, 0.45, 0.22
HSL	359°, 45%, 60%
HSV	359°, 46%, 78%
XYZ	31.5712, 23.7616, 17.3905
YIQ	134.7360, 54.1900, 20.1260

# Conversions

## Conversions Part 2

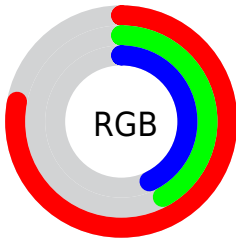
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 107, 109
Decimal	13069165
CIE Lab	55.85, 36.58, 15.36
CIE LCh	56, 39.679, 22.781
Yxy	23.7616, 0.4341, 0.3267
Android (android.graphics.Color)	4291259245 (0xFFC76B6D)
YUV	134.7360, -12.6878, 56.3595
Hunter-Lab	48.7459, 30.3035, 12.9700

# Details

The Hex color **C76B6D** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6BC7C5**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FFA0A0**, and **8E383E** is the 20% darker color. If you saturate the color by 10%, you get **C7575A**, and if you desaturate by 10%, it is **C77F80**.

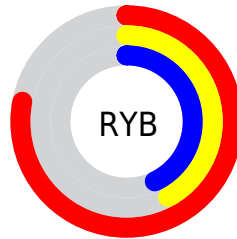
# Distribution



Red (78%)

Green (42%)

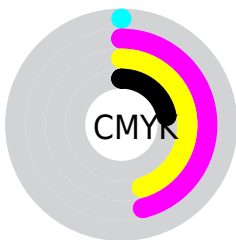
Blue (43%)



Red (78%)

Yellow (42%)

Blue (43%)

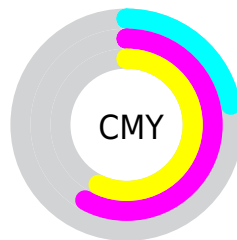


Cyan (0%)

Magenta (46%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C76B6D 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 C76B6D by changing the saturation by 10% instead.



 C76B6D

 C76B6D

FFFFFF

 AA5155

 FFA0A0

 8E383E

 FFBCBB

 721F28

 FFD8D7

 560114

 FFF5F4

 3C0000

 200001

 000000

 C76B6D

 C76B6D

 C7575A

 C77F80

 C74346

 C79394

 C72F33

 C7A7A7

 C71B1F

 C7BBBB

 C7080C

 C7CFCE

 C70004

 C7E2E2

 C7F6F5

 C7FFFF

# Harmonies

## Analogous

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



C26A90



C76B6D



BB7550

# Triad

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



C76B6D



58935B



368CCA

# Complementary

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



C76B6D



6BC7C5

# 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.



0094BC



C76B6D



15977C

# Square

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



C76B6D



818C44



00979F



7C80C5

# Rectangle

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



C76B6D



AC7D44



00979F



008FC7



# Sweetspot

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



C76B6D



FFDBDC



C46BC7



806A6A



000000



808080



# Same Dimension

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



C76B6D



FF7376



C7966B



635A5A



A30004



240001



# Inverse Universe

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



C76B6D



FF7376



6B9CC7



635A5A



A30004

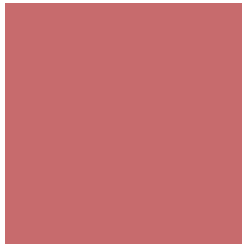


240001



# Previews

## White Background



This preview shows how the Hex color C76B6D looks on a white background.

## Color Contrast Check

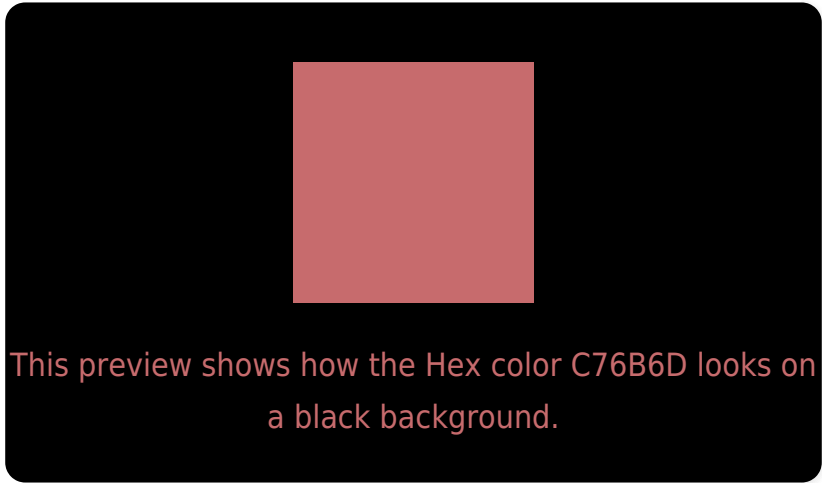
Large Text (above 18pt) WCAG AA ✓ Pass

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 C76B6D Background



This preview shows how black text looks on a background with the Hex color C76B6D.



This preview shows how white text looks on a background with the Hex color C76B6D.

# 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**  
C76B6D

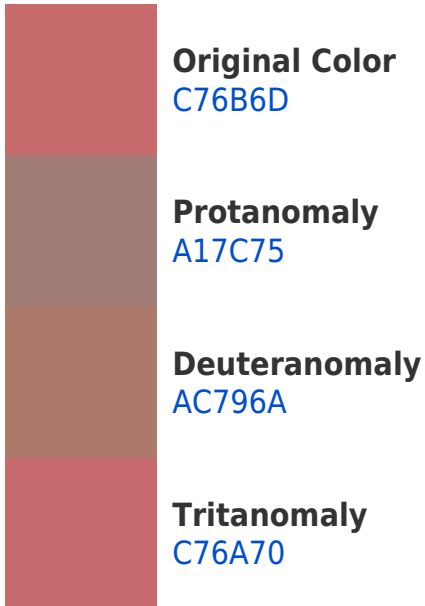
**Protanopia**  
8C867A

**Deuteranopia**  
9D8169

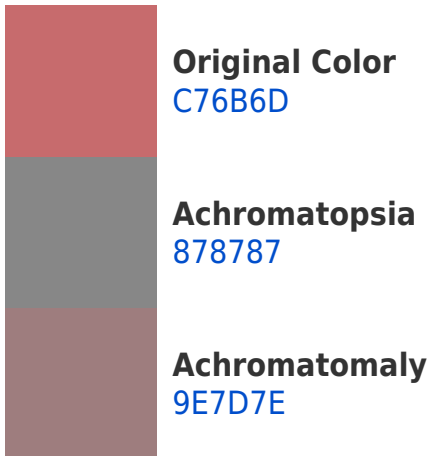


**Tritanopia**  
C76A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C76B6D 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 #C76B6D looks like.

```
.text, #text, p{  
    color:#C76B6D  
}
```

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 #C76B6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C76B6D
}
```

## Border

The CSS property to change the border of an element to Hex C76B6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

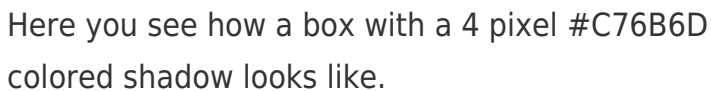
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C76B6D }
```

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

```
.border{ border-color:#C76B6D }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels to the right and 4 pixels down from the bottom-right corner of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C76B6D colored shadow looks like."

Here you see how a box with a 4 pixel #C76B6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C76B6D; -webkit-box-shadow:4px 4px  
4px 4px #C76B6D; box-shadow:4px 4px 4px  
4px #C76B6D }
```

# Background

The CSS property to change the background color of an element to Hex C76B6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C76B6D }
```

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

```
.background{ background-color:#C76B6D }
```

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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