

# Converting Colors

Hex(CB6A8C)

Have a look what the booklet for  
Hex(CB6A8C) contains.

|                                                |    |
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# Color

**Hex(CB6A8C)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CB6A8C                     |
| RGB           | 203, 106, 140              |
| RGB Percent   | 80%, 42%, 55%              |
| CMY           | 0.2039, 0.5843, 0.4510     |
| CMYK          | 0.00, 0.48, 0.31, 0.20     |
| HSL           | 339°, 48%, 61%             |
| HSV           | 339°, 48%, 80%             |
| XYZ           | 34.5163, 24.8980, 27.7975  |
| YIQ           | 138.8790, 46.8980, 31.1380 |

# Conversions

## Conversions Part 2

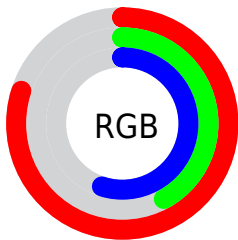
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 203, 106, 140                |
| Decimal                             | 13331084                     |
| CIE <sub>Lab</sub>                  | 56.98, 42.17, -1.06          |
| CIE <sub>LCh</sub>                  | 57, 42.185, 358.567          |
| Yxy                                 | 24.8980, 0.3958,<br>0.2855   |
| Android<br>(android.graphics.Color) | 4291521164<br>(0xFFCB6A8C)   |
| YUV                                 | 138.8790, 0.5527,<br>56.2341 |
| Hunter-Lab                          | 49.8979, 36.1538,<br>1.8988  |

# Details

The Hex color **CB6A8C** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6ACBA9**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA0C1**, and **92365A** is the 20% darker color. If you saturate the color by 10%, you get **CB567F**, and if you desaturate by 10%, it is **CB7E99**.

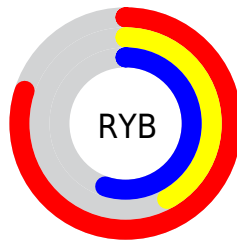
# Distribution



Red (80%)

Green (42%)

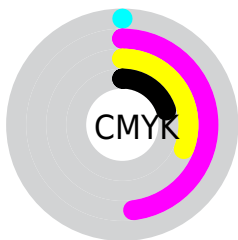
Blue (55%)



Red (80%)

Yellow (42%)

Blue (55%)

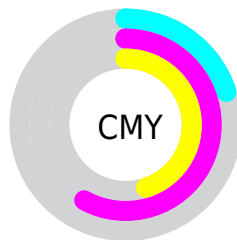


Cyan (0%)

Magenta (48%)

Yellow (31%)

Black (20%)



Cyan (20%)

Magenta (58%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB6A8C 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 CB6A8C by changing the saturation by 10% instead.



 CB6A8C

 CB6A8C

FFFFFF

 AE5073

 FFA0C1

 92365A

 FFBBDD

 771B43

 FFD8FA

 5B002D

 FFF5FF

 410018

 2A0001

 000000

 CB6A8C

 CB6A8C

 CB567F

 CB7E99

 CB4172

 CB93A6

 CB2D64

 CBA7B4

 CB1957

 CBBBC1

 CB054A

 CBD0CE

 CB0047

 CBE4DB

 CBF8E8

 CBFFF5

 CBFFFF

# Harmonies

## Analogous

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



B572B0



CB6A8C



CD6D68

# Triad

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



CB6A8C



7B9146



0096C7

# Complementary

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



CB6A8C



6ACBA9

# 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.



009BAB



CB6A8C



4D9861

# Square

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



CB6A8C



A0863D



009B86



428DD2

# Rectangle

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



CB6A8C



C47453



009B86



0098BF



# Sweetspot

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



CB6A8C



FFDBE8



A76ACB



806A71



000000



808080



# Same Dimension

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



CB6A8C



FF6EA1



CB776A



665C5F



A6003A



26000D



# Inverse Universe

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



CB6A8C



FF6EA1



6ABECB



665C5F



A6003A

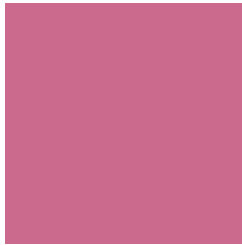


26000D



# Previews

## White Background



This preview shows how the Hex color CB6A8C looks on a white background.

## Color Contrast Check

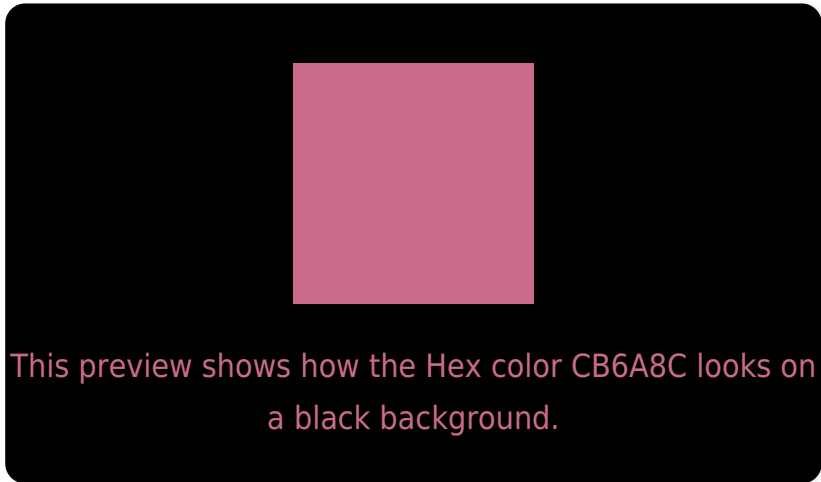
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB6A8C Background



This preview shows how black text looks on a background with the Hex color CB6A8C.



This preview shows how white text looks on a background with the Hex color CB6A8C.

# 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**  
C96E76

# Trichromacy



**Original Color**  
CB6A8C



**Protanomaly**  
9E7D97



**Deuteranomaly**  
AA7B89

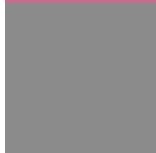


**Tritanomaly**  
CA6D7E

# Monochromacy



**Original Color**  
CB6A8C



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
A27F8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB6A8C 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 #CB6A8C looks like.

```
.text, #text, p{  
    color:#CB6A8C  
}
```

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 #CB6A8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6A8C
}
```

## Border

The CSS property to change the border of an element to Hex CB6A8C 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
#CB6A8C }
```

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

```
.border{ border-color:#CB6A8C }
```

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

Here you see how a box with a 4 pixel #CB6A8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6A8C; -webkit-box-shadow:4px 4px  
4px 4px #CB6A8C; box-shadow:4px 4px 4px  
4px #CB6A8C }
```

# Background

The CSS property to change the background color of an element to Hex CB6A8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6A8C }
```

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

```
.background{ background-color:#CB6A8C }
```

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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