

# Converting Colors

Hex(C8668C)

Have a look what the booklet for  
Hex(C8668C) contains.

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**Color**

**Hex(C8668C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8668C
RGB	200, 102, 140
RGB Percent	78%, 40%, 55%
CMY	0.2157, 0.6000, 0.4510
CMYK	0.00, 0.49, 0.30, 0.22
HSL	337°, 47%, 59%
HSV	337°, 49%, 78%
XYZ	33.3044, 23.6756, 27.6254
YIQ	135.6340, 46.2100, 32.5940

# Conversions

## Conversions Part 2

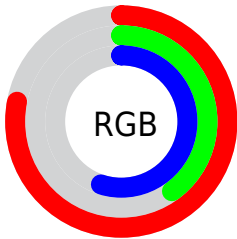
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 102, 140
Decimal	13133452
CIE Lab	55.76, 43.18, -2.89
CIE LCh	56, 43.279, 356.175
Yxy	23.6756, 0.3936, 0.2798
Android (android.graphics.Color)	4291323532 (0xFFC8668C)
YUV	135.6340, 2.1524, 56.4490
Hunter-Lab	48.6575, 37.0265, 0.3982

# Details

The Hex color **C8668C** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **66C8A2**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF9BC1**, and **8F325A** is the 20% darker color. If you saturate the color by 10%, you get **C85280**, and if you desaturate by 10%, it is **C87A98**.

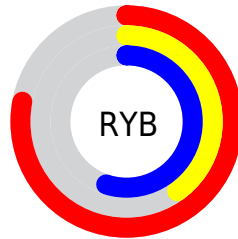
# Distribution



Red (78%)

Green (40%)

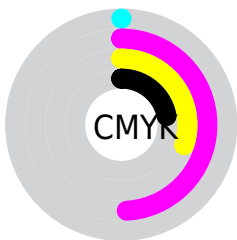
Blue (55%)



Red (78%)

Yellow (40%)

Blue (55%)

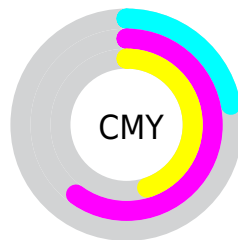


Cyan (0%)

Magenta (49%)

Yellow (30%)

Black (22%)



Cyan (22%)

Magenta (60%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8668C 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 C8668C by changing the saturation by 10% instead.



 C8668C

 C8668C

FFFFFF

 AB4C73

 FF9BC1

 8F325A

 FFB7DD

 741643

 FFD3FA

 59002D

 FFF0FF

 3F0018

 260001

 000000

 C8668C

 C8668C

 C85280

 C87A98

 C83E74

 C88EA4

 C82A67

 C8A2B1

 C8165B

 C8B6BD

 C8024F

 C8CAC9

 C8004E

 C8DED5

 C8F2E2

 C8FFEE

 C8FFFA

# Harmonies

## Analogous

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



AF6FB0



C8668C



CB6867

# Triad

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



C8668C



7B8D3F



0094C3

# Complementary

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



C8668C



66C8A2

# 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.



0098A6



C8668C



4C955A

# Square

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



C8668C



A08238



00987F



308BD0

# Rectangle

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



C8668C



C37051



00987F



0096BB



# Sweetspot

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



C8668C



FFD9E8



A166C8



806971



000000



808080



# Same Dimension

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



C8668C



FF69A3



C87066



635A5D



A3003F



24000E



# Inverse Universe

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



C8668C



FF69A3



66BEC8



635A5D



A3003F

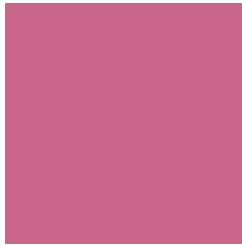


24000E



# Previews

## White Background



This preview shows how the Hex color C8668C looks on a white background.

## Color Contrast Check

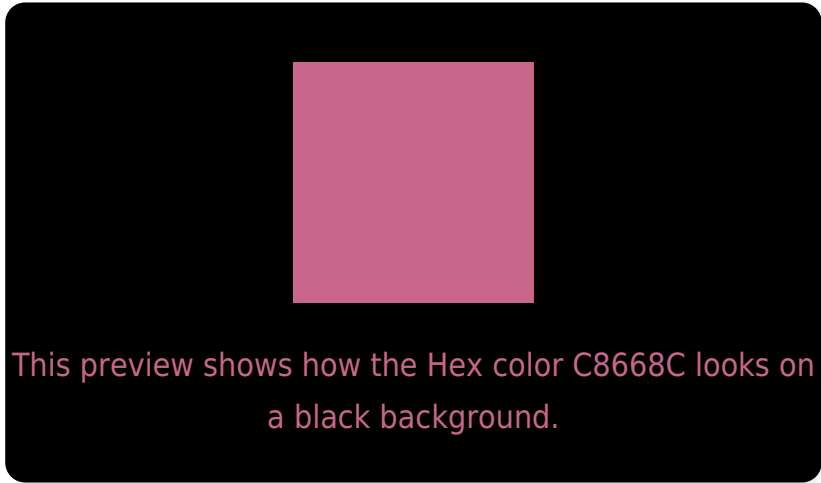
Large Text (above 18pt) WCAG AA ✓ Pass

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 C8668C Background



This preview shows how black text looks on a background with the Hex color C8668C.



This preview shows how white text looks on a background with the Hex color C8668C.

# 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**  
C8668C

**Protanopia**  
81859F

**Deuteranopia**  
928287



**Tritanopia**  
C66B73

# Trichromacy



**Original Color**  
C8668C

**Protanomaly**  
9B7A98

**Deuteranomaly**  
A67889

**Tritanomaly**  
C7697C

# Monochromacy



**Original Color**  
C8668C

**Achromatopsia**  
888888

**Achromatomaly**  
9F7C89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8668C 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 #C8668C looks like.

```
.text, #text, p{  
    color:#C8668C  
}
```

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 #C8668C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8668C
}
```

## Border

The CSS property to change the border of an element to Hex C8668C is called "border". The border property can be set on classes, ids or directly on the HTML element.

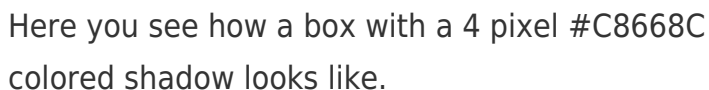
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C8668C }
```

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

```
.border{ border-color:#C8668C }
```

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



Here you see how a box with a 4 pixel #C8668C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8668C; -webkit-box-shadow:4px 4px  
4px 4px #C8668C; box-shadow:4px 4px 4px  
4px #C8668C }
```

# Background

The CSS property to change the background color of an element to Hex C8668C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8668C }
```

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

```
.background{ background-color:#C8668C }
```

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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