

# Converting Colors

Hex(C87A9A)

Have a look what the booklet for  
Hex(C87A9A) contains.

<b>Hex(C87A9A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C87A9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C87A9A
RGB	200, 122, 154
RGB Percent	78%, 48%, 60%
CMY	0.2157, 0.5216, 0.3961
CMYK	0.00, 0.39, 0.23, 0.22
HSL	335°, 41%, 63%
HSV	335°, 39%, 78%
XYZ	36.6117, 28.5315, 34.1493
YIQ	148.9700, 36.2160, 26.4880

# Conversions

## Conversions Part 2

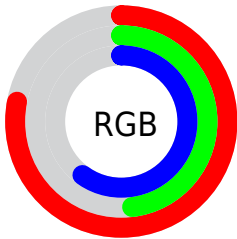
Format	Color
R <sub>Y</sub> B	200, 122, 154
Decimal	13138586
CIE Lab	60.37, 34.64, -4.22
CIE LCh	60, 34.893, 353.055
Yxy	28.5315, 0.3687, 0.2873
Android (android.graphics.Color)	4291328666 (0xFFC87A9A)
YUV	148.9700, 2.4798, 44.7533
Hunter-Lab	53.4149, 28.8715, -0.5150

# Details

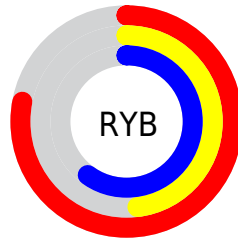
The Hex color **C87A9A** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7AC8A8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFB0D0**, and **904767** is the 20% darker color. If you saturate the color by 10%, you get **C8668E**, and if you desaturate by 10%, it is **C88EA6**.

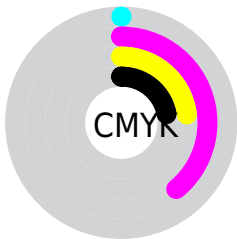
# Distribution



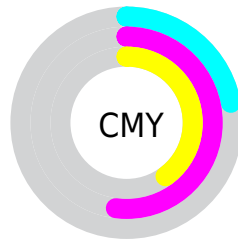
- Red (78%)
- Green (48%)
- Blue (60%)



- Red (78%)
- Yellow (48%)
- Blue (60%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (52%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C87A9A 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 C87A9A by changing the saturation by 10% instead.



 C87A9A

 C87A9A

FFFFFF

 AC6080

 FFB0D0

 904767

 FFCBED

 752F4F

 FFE8FF

 5B1638

 420023

 2D000D

 000000

 C87A9A

 C87A9A

 C8668E

 C88EA6

 C85282

 C8A2B2

 C83E77

 C8B6BD

 C82A6B

 C8CAC9

 C8165F

 C8DED5

 C80253

 C8F2E1

 C80052

 C8FFED

 C8FFF8

 C8FFFF

# Harmonies

## Analogous

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



B181B7



C87A9A



CD7B7B

# Triad

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



C87A9A



8D9758



149EC2

# Complementary

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



C87A9A



7AC8A8

# 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.



00A2A9



C87A9A



6A9E6C

# Square

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



C87A9A



AC8D54



3FA189



5797CE

# Rectangle

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



C87A9A



C87F69



3FA189



00A0BB



# Sweetspot

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



C87A9A



FFE0ED



A87AC8



806E75



000000



808080



# Same Dimension

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



C87A9A



FF87B8



C8817A



635A5E



A30043



24000F



# Inverse Universe

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



C87A9A



FF87B8



7AC2C8



635A5E



A30043

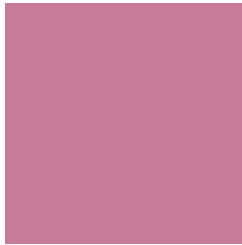


24000F



# Previews

## White Background



This preview shows how the Hex color C87A9A looks on a white background.

## Color Contrast Check

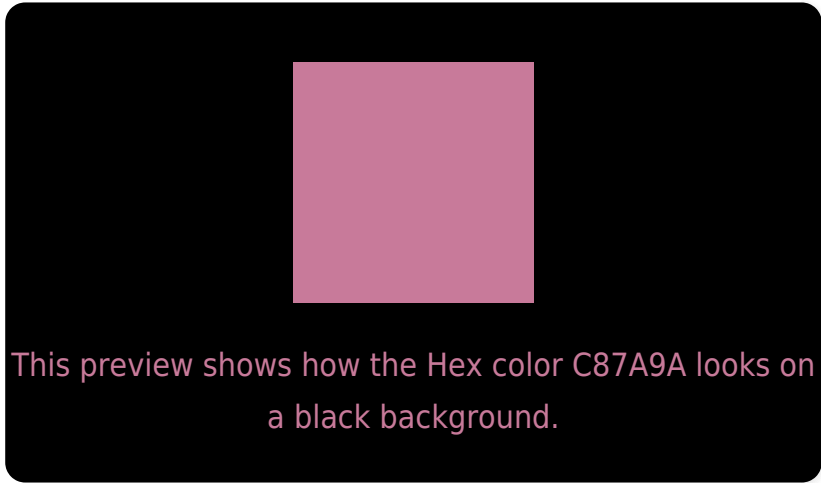
Large Text (above 18pt) WCAG AA ✓ Pass

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 C87A9A Background



This preview shows how black text looks on a background with the Hex color C87A9A.

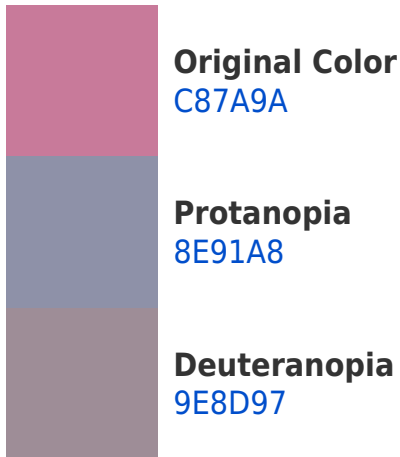


This preview shows how white text looks on a background with the Hex color C87A9A.

# 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**  
C67D87

# Trichromacy



**Original Color**  
C87A9A

**Protanomaly**  
A389A3

**Deuteranomaly**  
AD8698

**Tritanomaly**  
C77C8E

# Monochromacy



**Original Color**  
C87A9A

**Achromatopsia**  
959595

**Achromatomaly**  
A88B97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C87A9A 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 #C87A9A looks like.

```
.text, #text, p{  
    color:#C87A9A  
}
```

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 #C87A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87A9A
}
```

## Border

The CSS property to change the border of an element to Hex C87A9A 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
#C87A9A }
```

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

```
.border{ border-color:#C87A9A }
```

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

Here you see how a box with a 4 pixel #C87A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87A9A; -webkit-box-shadow:4px 4px  
4px 4px #C87A9A; box-shadow:4px 4px 4px  
4px #C87A9A }
```

# Background

The CSS property to change the background color of an element to Hex C87A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87A9A }
```

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

```
.background{ background-color:#C87A9A }
```

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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