

# Converting Colors

Hex(C187A8)

Have a look what the booklet for  
Hex(C187A8) contains.

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# **Color**

**Hex(C187A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C187A8
RGB	193, 135, 168
RGB Percent	76%, 53%, 66%
CMY	0.2431, 0.4706, 0.3412
CMYK	0.00, 0.30, 0.13, 0.24
HSL	326°, 32%, 64%
HSV	326°, 30%, 76%
XYZ	37.7242, 31.4926, 41.1362
YIQ	156.1040, 23.9750, 22.5590

# Conversions

## Conversions Part 2

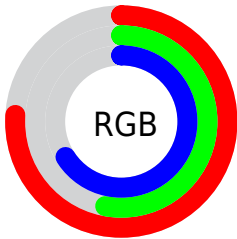
Format	Color
<a href="#">RYB</a>	<a href="#">193, 135, 168</a>
Decimal	<a href="#">12683176</a>
CIELab	<a href="#">62.92, 27.27, -8.51</a>
CIELCh	<a href="#">63, 28.569, 342.665</a>
Yxy	<a href="#">31.4926, 0.3419, 0.2854</a>
Android (android.graphics.Color)	<a href="#">4290873256 (0xFFC187A8)</a>
YUV	<a href="#">156.1040, 5.8647, 32.3578</a>
Hunter-Lab	<a href="#">56.1182, 21.7856, -4.1784</a>

# Details

The Hex color **C187A8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87C1A0**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FABDDF**, and **8A5474** is the 20% darker color. If you saturate the color by 10%, you get **C174A0**, and if you desaturate by 10%, it is **C19AB0**.

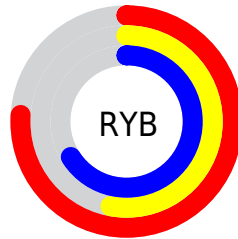
# Distribution



Red (76%)

Green (53%)

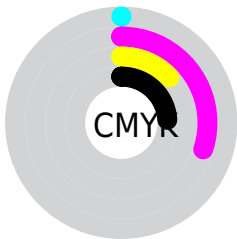
Blue (66%)



Red (76%)

Yellow (53%)

Blue (66%)

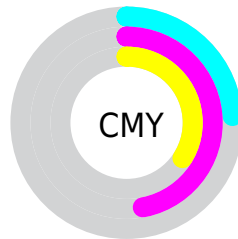


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (24%)



Cyan (24%)

Magenta (47%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C187A8 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 C187A8 by changing the saturation by 10% instead.



 C187A8

 C187A8

FFFFFF

 A56D8E

 FABDDF

 8A5474

 FFD9FC

 703C5B

 FFF5FF

 572544

 3F0E2E

 290019

 000000

 C187A8

 C187A8

 C174A0

 C19AB0

 C16097

 C1AEB9

 C14D8F

 C1C1C1

 C13A87

 C1D4C9

 C1277E

 C1E8D2

 C11376

 C1FBDA

 C1006E

 C1FFE2

 C1FFEB

 C1FFF3

# Harmonies

## Analogous

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



A98EBE



C187A8



CB858E

# Triad

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



C187A8



9F9A66



47A4BA

# Complementary

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



C187A8



87C1A0

# 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.



4BA6A2



C187A8



83A172

# Square

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



C187A8



B79268



65A588



619FC8

# Rectangle

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



C187A8



C9887E



65A588



44A5B3



# Sweetspot

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



C187A8



FAE3F0



9F87C1



7D6F77



FCFCFC



7D7D7D



# Same Dimension

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



C187A8



FAA0D3



C1878C



61575D



A1005B



210013



# Inverse Universe

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



C187A8



FAA0D3



87C1BC



61575D



A1005B

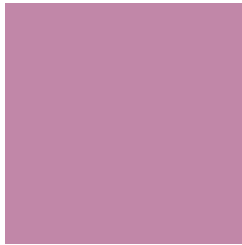


210013



# Previews

## White Background



This preview shows how the Hex color C187A8 looks on a white background.

## Color Contrast Check

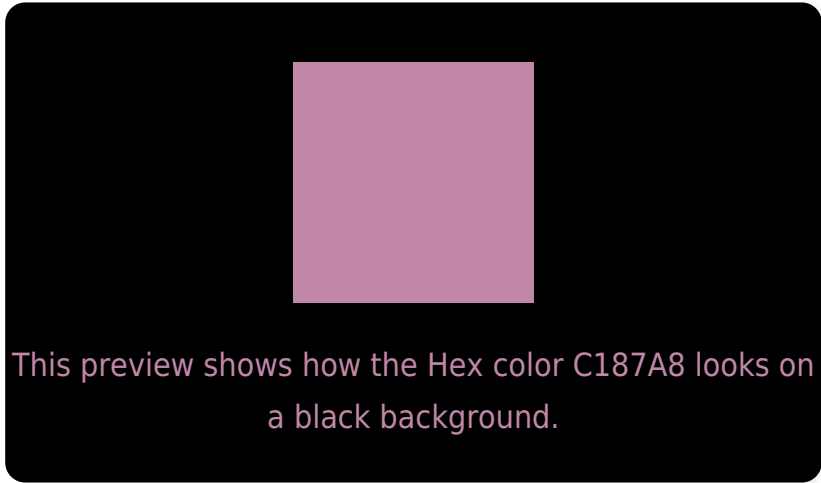
Large Text (above 18pt) WCAG AA × Fail

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

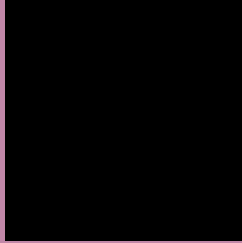
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C187A8 Background



This preview shows how black text looks on a background with the Hex color C187A8.




This preview shows how white text looks on a background with the Hex color C187A8.

# 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**  
BF8A95

# Trichromacy



**Original Color**  
C187A8

**Protanomaly**  
A491AF

**Deuteranomaly**  
AD8FA7

**Tritanomaly**  
C0899C

# Monochromacy



**Original Color**  
C187A8

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
A994A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C187A8 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 #C187A8 looks like.

```
.text, #text, p{  
    color:#C187A8  
}
```

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 #C187A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C187A8
}
```

## Border

The CSS property to change the border of an element to Hex C187A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

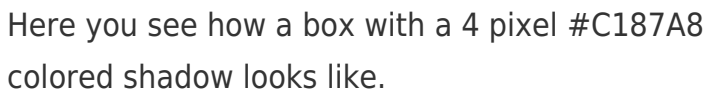
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C187A8 }
```

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

```
.border{ border-color:#C187A8 }
```

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



Here you see how a box with a 4 pixel `#C187A8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C187A8; -webkit-box-shadow:4px 4px  
4px 4px #C187A8; box-shadow:4px 4px 4px  
4px #C187A8 }
```

# Background

The CSS property to change the background color of an element to Hex C187A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C187A8 }
```

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

```
.background{ background-color:#C187A8 }
```

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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