

# Converting Colors

Hex(C189B6)

Have a look what the booklet for  
Hex(C189B6) contains.

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# **Color**

**Hex(C189B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C189B6
RGB	193, 137, 182
RGB Percent	76%, 54%, 71%
CMY	0.2431, 0.4627, 0.2863
CMYK	0.00, 0.29, 0.06, 0.24
HSL	312°, 31%, 65%
HSV	312°, 29%, 76%
XYZ	39.3815, 32.6062, 48.4740
YIQ	158.8740, 18.9310, 25.8670

# Conversions

## Conversions Part 2

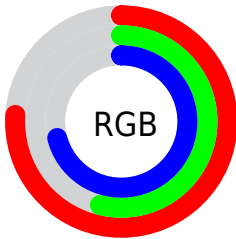
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">193, 137, 182</a>
Decimal	<a href="#">12683702</a>
CIELab	<a href="#">63.84, 28.61, -15.06</a>
CIELCh	<a href="#">64, 32.332, 332.243</a>
Yxy	<a href="#">32.6062, 0.3269, 0.2707</a>
Android (android.graphics.Color)	<a href="#">4290873782 (0xFFC189B6)</a>
YUV	<a href="#">158.8740, 11.4011, 29.9285</a>
Hunter-Lab	<a href="#">57.1018, 23.1781, -10.3602</a>

# Details

The Hex color **C189B6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89C194**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FABFEE**, and **8B5681** is the 20% darker color. If you saturate the color by 10%, you get **C176B2**, and if you desaturate by 10%, it is **C19CBA**.

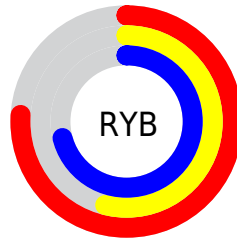
# Distribution



Red (76%)

Green (54%)

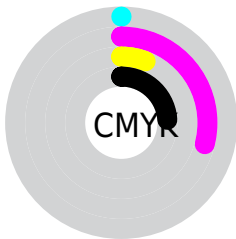
Blue (71%)



Red (76%)

Yellow (54%)

Blue (71%)

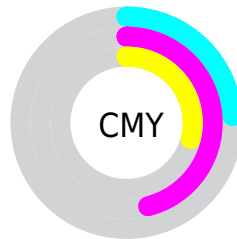


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (46%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C189B6 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 C189B6 by changing the saturation by 10% instead.



 C189B6

 C189B6


FFFFFF

 A56F9B

 FABFEE

 8B5681

 FFDBFF

 713E68

 FFF8FF

 572750

 3F0F39

 290023

 00000B

 000000

 C189B6

 C189B6

 C176B2

 C19CBA

 C162AE

 C1B0BE

 C14FAB

 C1C3C1

 C13CA7

 C1D6C5

 C128A3

 C1E9C9

 C1159F

 C1FDCD

 C1029B

 C1FFD1

 C1009B

 C1FFD4

 C1FFD8

# Harmonies

## Analogous

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



A192CB



C189B6



D2859A

# Triad

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



C189B6



AC9A61



30A9B8

# Complementary

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



C189B6



89C194

# 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.



48AA9C



C189B6



8DA269

# Square

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



C189B6



C49068



6BA87F



48A5CD

# Rectangle

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



C189B6



D38686



6BA87F



34AAAF



# Sweetspot

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



C189B6



FAE3F5



9389C1



7D6F7A



FCFCFC



7D7D7D



# Same Dimension

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



C189B6



FAA2E9



C1899B



61575F



A10081



21001B



# Inverse Universe

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



C189B6



FAA2E9



89C1AF



61575F



A10081

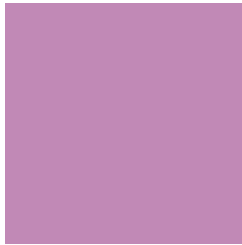


21001B



# Previews

## White Background



This preview shows how the Hex color C189B6 looks on a white background.

## Color Contrast Check

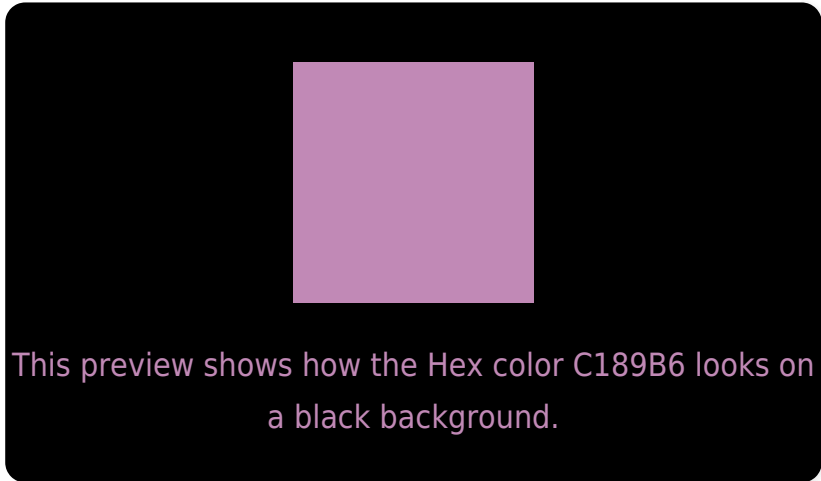
Large Text (above 18pt) WCAG AA × Fail

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

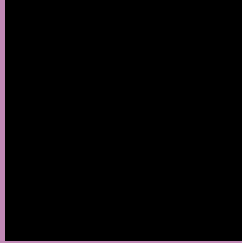
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C189B6 Background



This preview shows how black text looks on a background with the Hex color C189B6.



This preview shows how white text looks on a background with the Hex color C189B6.

# 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](#).

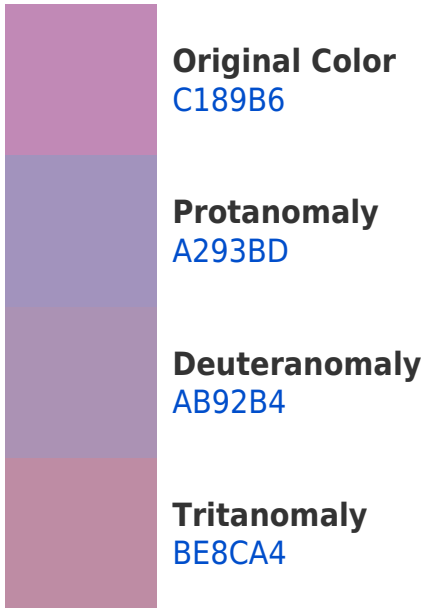
## Dichromacy



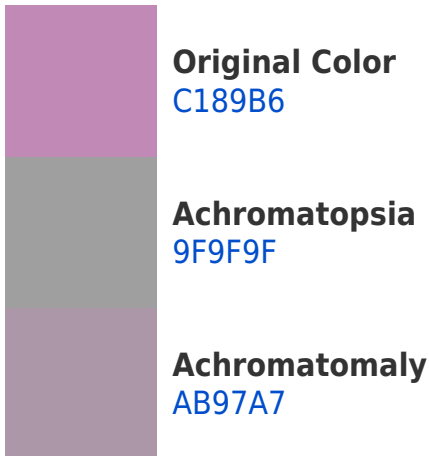


**Tritanopia**  
BD8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C189B6 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 #C189B6 looks like.

```
.text, #text, p{  
    color:#C189B6  
}
```

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 #C189B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C189B6
}
```

## Border

The CSS property to change the border of an element to Hex C189B6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

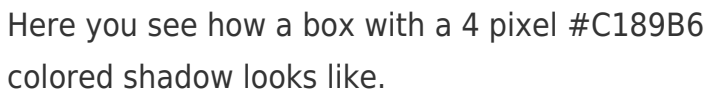
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C189B6 }
```

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

```
.border{ border-color:#C189B6 }
```

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



Here you see how a box with a 4 pixel `#C189B6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C189B6; -webkit-box-shadow:4px 4px  
4px 4px #C189B6; box-shadow:4px 4px 4px  
4px #C189B6 }
```

# Background

The CSS property to change the background color of an element to Hex C189B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C189B6 }
```

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

```
.background{ background-color:#C189B6 }
```

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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