

# Converting Colors

Hex(C190AE)

Have a look what the booklet for  
Hex(C190AE) contains.

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# **Color**

**Hex(C190AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C190AE
RGB	193, 144, 174
RGB Percent	76%, 56%, 68%
CMY	0.2431, 0.4353, 0.3176
CMYK	0.00, 0.25, 0.10, 0.24
HSL	323°, 28%, 66%
HSV	323°, 25%, 76%
XYZ	39.6056, 34.3400, 44.5852
YIQ	162.0710, 19.5740, 19.7180

# Conversions

## Conversions Part 2

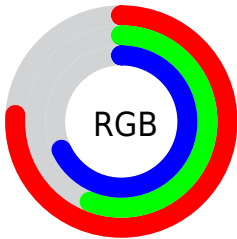
Format	Color
R <sub>Y</sub> B	193, 144, 174
Decimal	12685486
CIE Lab	65.23, 23.32, -8.46
CIE LCh	65, 24.810, 340.059
Yxy	34.3400, 0.3341, 0.2897
Android (android.graphics.Color)	4290875566 (0xFFC190AE)
YUV	162.0710, 5.8810, 27.1247
Hunter-Lab	58.6003, 18.0903, -4.0898

# Details

The Hex color **C190AE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90C1A3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FAC6E5**, and **8B5D7A** is the 20% darker color. If you saturate the color by 10%, you get **C17DA7**, and if you desaturate by 10%, it is **C1A3B5**.

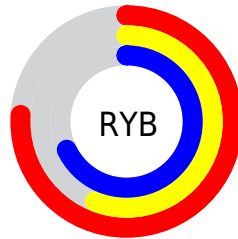
# Distribution



Red (76%)

Green (56%)

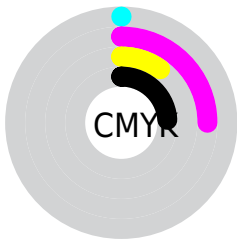
Blue (68%)



Red (76%)

Yellow (56%)

Blue (68%)

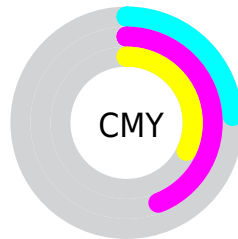


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (24%)



Cyan (24%)

Magenta (44%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C190AE 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 C190AE by changing the saturation by 10% instead.



 C190AE

 C190AE


FFFFFF

 A67693

 FAC6E5

 8B5D7A

 FFE2FF

 714561

 582E49

 401832

 29011D

 070001

 000000

 C190AE

 C190AE

 C17DA7

 C1A3B5

 C1699F

 C1B7BD

 C15698

 C1CAC4

 C14390

 C1DDCC

 C12F89

 C1F1D3

 C11C81

 C1FFDB

 C1097A

 C1FFE2

 C10076

 C1FFEA

 C1FFF1

# Harmonies

## Analogous

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



AB96C0



C190AE



CB8E98

# Triad

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



C190AE



A79F72



5DA9BA

# Complementary

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



C190AE



90C1A3

# 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.



61ABA5



C190AE



8EA67C

# Square

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



C190AE



BC9875



75AA8E



6FA5C7

# Rectangle

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



C190AE



CB9089



75AA8E



5CAAB4



# Sweetspot

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



C190AE



FAE6F2



A390C1



7D7078



FCFCFC



7D7D7D



# Same Dimension

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



C190AE



FAAFDD



C19096



61575D



A10062



210014



# Inverse Universe

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



C190AE



FAAFDD



90C1BB



61575D



A10062

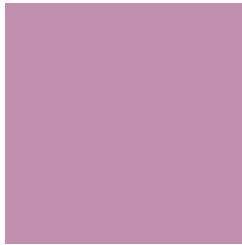


210014



# Previews

## White Background



This preview shows how the Hex color C190AE looks on a white background.

## Color Contrast Check

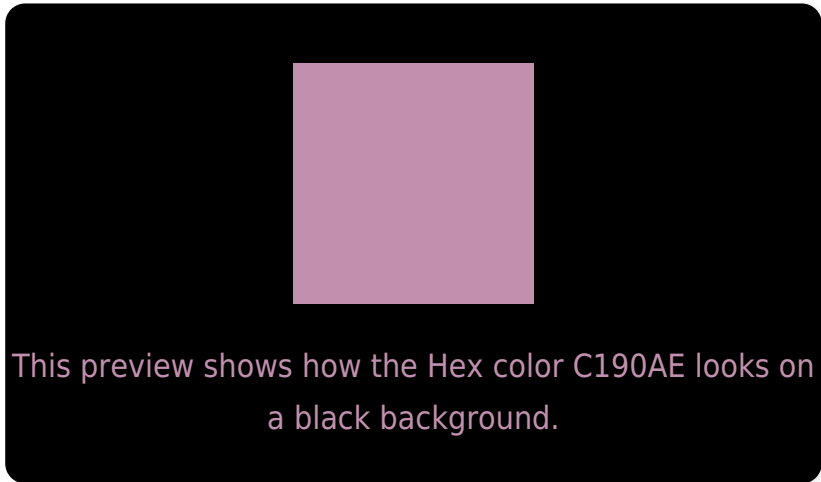
Large Text (above 18pt) WCAG AA × Fail

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

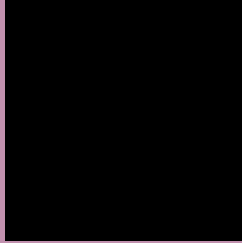
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C190AE Background



This preview shows how black text looks on a background with the Hex color C190AE.

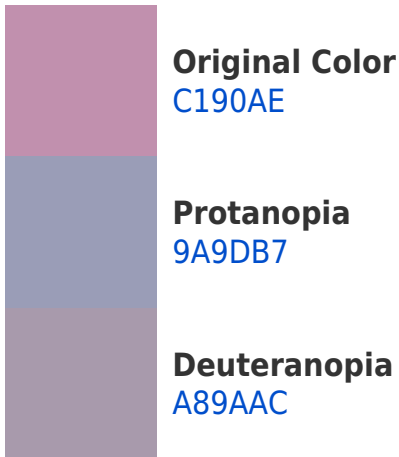


This preview shows how white text looks on a background with the Hex color C190AE.

# 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**  
BF939E

# Trichromacy



**Original Color**  
C190AE

**Protanomaly**  
A898B4

**Deuteranomaly**  
B196AD

**Tritanomaly**  
C092A4

# Monochromacy



**Original Color**  
C190AE

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
AD9BA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C190AE 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 #C190AE looks like.

```
.text, #text, p{  
    color:#C190AE  
}
```

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 #C190AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C190AE
}
```

## Border

The CSS property to change the border of an element to Hex C190AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

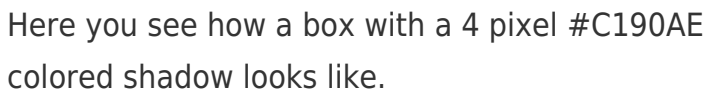
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C190AE }
```

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

```
.border{ border-color:#C190AE }
```

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



Here you see how a box with a 4 pixel `#C190AE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C190AE; -webkit-box-shadow:4px 4px  
4px 4px #C190AE; box-shadow:4px 4px 4px  
4px #C190AE }
```

# Background

The CSS property to change the background color of an element to Hex C190AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C190AE }
```

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

```
.background{ background-color:#C190AE }
```

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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