

# Converting Colors

Hex(D197A9)

Have a look what the booklet for  
Hex(D197A9) contains.

<b>Hex(D197A9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D197A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D197A9
RGB	209, 151, 169
RGB Percent	82%, 59%, 66%
CMY	0.1804, 0.4078, 0.3373
CMYK	0.00, 0.28, 0.19, 0.18
HSL	341°, 39%, 71%
HSV	341°, 28%, 82%
XYZ	44.5225, 38.5531, 42.6310
YIQ	170.3940, 28.7900, 17.8940

# Conversions

## Conversions Part 2

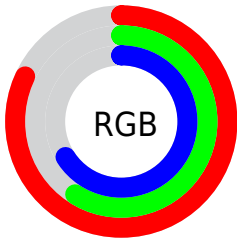
Format	Color
R <sub>Y</sub> B	209, 151, 169
Decimal	13735849
CIE Lab	68.43, 24.41, -0.75
CIE LCh	68, 24.420, 358.237
Yxy	38.5531, 0.3542, 0.3067
Android (android.graphics.Color)	4291925929 (0xFFD197A9)
YUV	170.3940, -0.6872, 33.8575
Hunter-Lab	62.0911, 19.3342, 2.7560

# Details

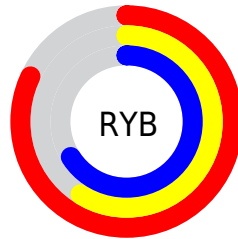
The Hex color **D197A9** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **97D1BF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFCEE0**, and **9A6475** is the 20% darker color. If you saturate the color by 10%, you get **D1829B**, and if you desaturate by 10%, it is **D1ACB7**.

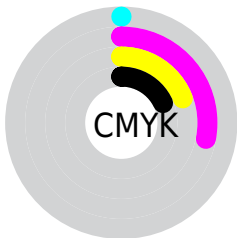
# Distribution



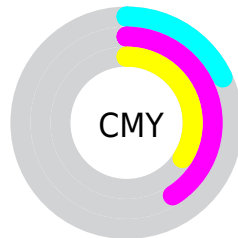
- Red (82%)
- Green (59%)
- Blue (66%)



- Red (82%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (28%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (41%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D197A9 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 D197A9 by changing the saturation by 10% instead.



 D197A9

 D197A9

FFFFFF

 B57D8F

 FFC EE0

 9A6475

 FFEAFD

 7F4B5C

 653445

 4C1D2F

 34061A

 1F0001

 000000

 D197A9

 D197A9

 D1829B

 D1ACB7

 D16D8C

 D1C1C6

 D1587E

 D1D6D4

 D1436F

 D1EBE3

 D12F61

 D1FFF1

 D11A53

 D1FFFF

 D10544

 D10041

# Harmonies

## Analogous

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



C29BBE



D197A9



D39893

# Triad

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



D197A9



A1AC80



70AFCC

# Complementary

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



D197A9



97D1BF

# 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.



66B3BB



D197A9



88B18F

# Square

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



D197A9



B8A57B



71B3A5



8AA9D3

# Rectangle

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



D197A9



CF9B87



71B3A5



6AB1C7



# Sweetspot

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



D197A9



FFEBF1



BF97D1



807377



000000



808080



# Same Dimension

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



D197A9



FFABC5



D1A297



695E61



A80034



29000D



# Inverse Universe

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



D197A9



FFABC5



97C6D1



695E61



A80034

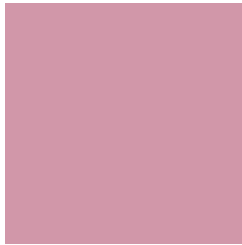


29000D



# Previews

## White Background



This preview shows how the Hex color D197A9 looks on a white background.

## Color Contrast Check

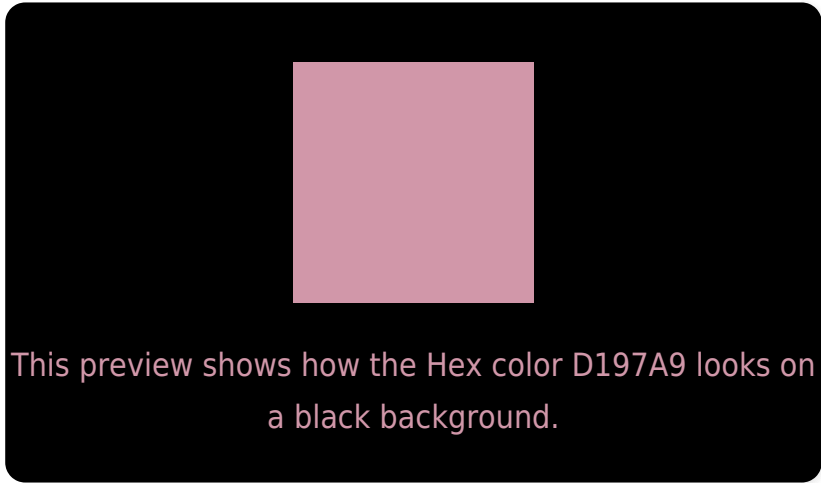
Large Text (above 18pt) WCAG AA × Fail

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 D197A9 Background



This preview shows how black text looks on a background with the Hex color D197A9.

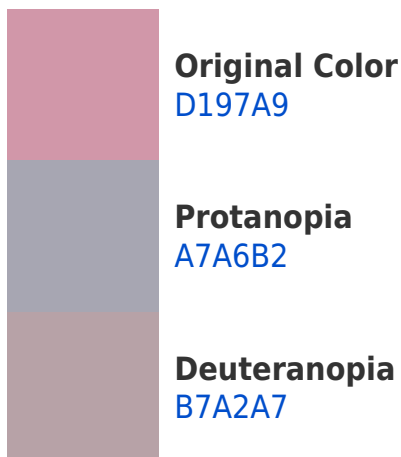


This preview shows how white text looks on a background with the Hex color D197A9.

# 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](#).

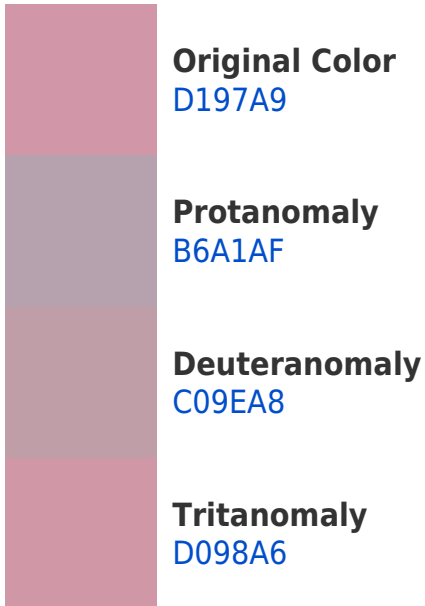
## Dichromacy



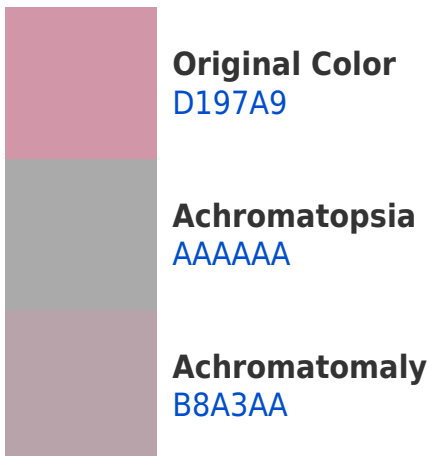


**Tritanopia**  
D098A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D197A9 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 #D197A9 looks like.

```
.text, #text, p{  
    color:#D197A9  
}
```

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 #D197A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D197A9
}
```

## Border

The CSS property to change the border of an element to Hex D197A9 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
#D197A9 }
```

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

```
.border{ border-color:#D197A9 }
```

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

Here you see how a box with a 4 pixel #D197A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D197A9; -webkit-box-shadow:4px 4px  
4px 4px #D197A9; box-shadow:4px 4px 4px  
4px #D197A9 }
```

# Background

The CSS property to change the background color of an element to Hex D197A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D197A9 }
```

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

```
.background{ background-color:#D197A9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor