

# Converting Colors

Hex(D17D9B)

Have a look what the booklet for  
Hex(D17D9B) contains.

<b>Hex(D17D9B)</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(D17D9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D17D9B
RGB	209, 125, 155
RGB Percent	82%, 49%, 61%
CMY	0.1804, 0.5098, 0.3922
CMYK	0.00, 0.40, 0.26, 0.18
HSL	339°, 48%, 65%
HSV	339°, 40%, 82%
XYZ	39.5445, 30.5891, 34.8304
YIQ	153.5360, 40.4340, 27.1380

# Conversions

## Conversions Part 2

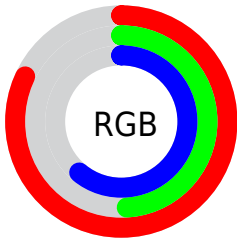
Format	Color
R <sub>YB</sub>	209, 125, 155
Decimal	13729179
CIE Lab	62.16, 36.37, -2.02
CIE LCh	62, 36.430, 356.814
Yxy	30.5891, 0.3767, 0.2914
Android (android.graphics.Color)	4291919259 (0xFFD17D9B)
YUV	153.5360, 0.7218, 48.6419
Hunter-Lab	55.3074, 30.8386, 1.3767

# Details

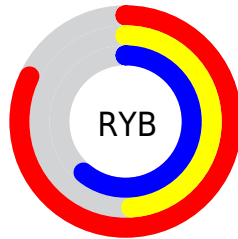
The Hex color **D17D9B** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DD1B3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB3D1**, and **994A68** is the 20% darker color. If you saturate the color by 10%, you get **D1688E**, and if you desaturate by 10%, it is **D192A8**.

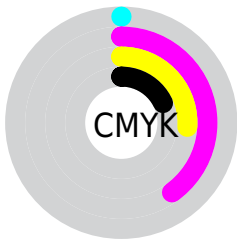
# Distribution



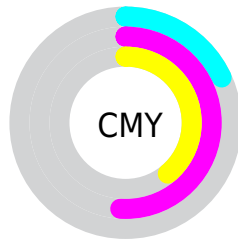
- Red (82%)
- Green (49%)
- Blue (61%)



- Red (82%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (18%)



- Cyan (18%)
- Magenta (51%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D17D9B 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 D17D9B by changing the saturation by 10% instead.



 D17D9B

 D17D9B

FFFFFF

 B46381

 FF3D1

 994A68

 FFCFEE

 7D3150

 FFE8FF

 631739

 490024

 32000E

 070000

 000000

 D17D9B

 D17D9B

 D1688E

 D192A8

 D15380

 D1A7B6

 D13E73

 D1BCC3

 D12965

 D1D1D1

 D11458

 D1E6DE

 D1004B

 D1FAEC

 D1FFF9

 D1FFFF

# Harmonies

## Analogous

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



BC84BA



D17D9B



D47F7B

# Triad

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



D17D9B



8D9D5B



16A3CB

# Complementary

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



D17D9B



7DD1B3

# 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.



00A7B2



D17D9B



67A472

# Square

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



D17D9B



AE9355



38A792



5F9AD6

# Rectangle

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



D17D9B



CD8469



38A792



00A5C4



# Sweetspot

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



D17D9B



FFE0EB



B27DD1



806E74



000000



808080



# Same Dimension

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



D17D9B



FF85B0



D1887D



695E62



A8003C



29000F



# Inverse Universe

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



D17D9B



FF85B0



7DC6D1



695E62



A8003C

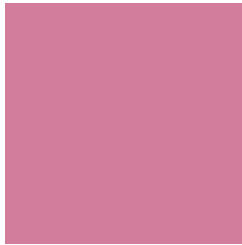


29000F



# Previews

## White Background



This preview shows how the Hex color D17D9B looks on a white background.

## Color Contrast Check

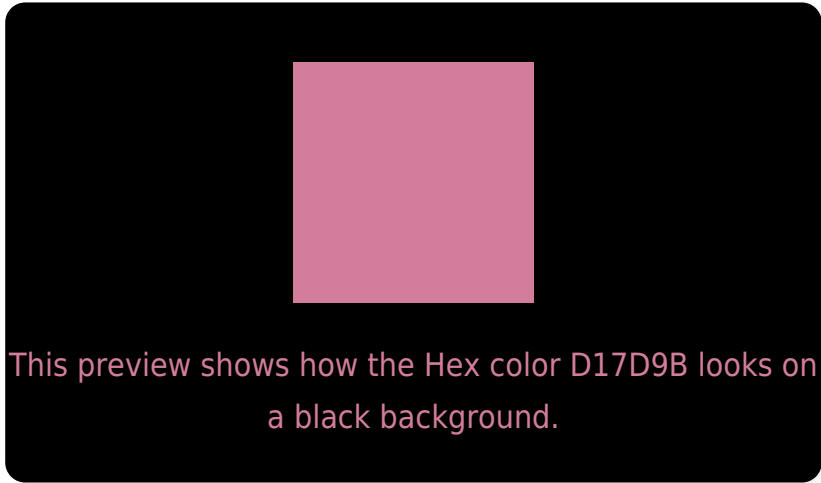
Large Text (above 18pt) WCAG AA × Fail

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 D17D9B Background



This preview shows how black text looks on a background with the Hex color D17D9B.

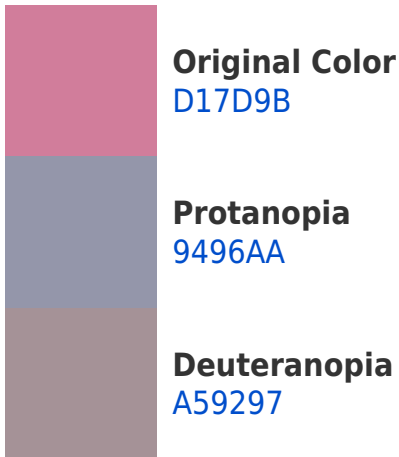


This preview shows how white text looks on a background with the Hex color D17D9B.

# 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**  
CF808A

# Trichromacy



**Original Color**  
D17D9B



**Protanomaly**  
AA8DA5



**Deuteranomaly**  
B58A98

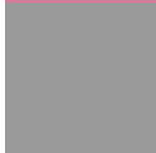


**Tritanomaly**  
D07F90

# Monochromacy



**Original Color**  
D17D9B



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
AE8F9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D17D9B 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 #D17D9B looks like.

```
.text, #text, p{  
    color:#D17D9B  
}
```

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 #D17D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17D9B
}
```

## Border

The CSS property to change the border of an element to Hex D17D9B 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
#D17D9B }
```

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

```
.border{ border-color:#D17D9B }
```

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

Here you see how a box with a 4 pixel #D17D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17D9B; -webkit-box-shadow:4px 4px  
4px 4px #D17D9B; box-shadow:4px 4px 4px  
4px #D17D9B }
```

# Background

The CSS property to change the background color of an element to Hex D17D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17D9B }
```

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

```
.background{ background-color:#D17D9B }
```

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