

# Converting Colors

Hex(D09999)

Have a look what the booklet for  
Hex(D09999) contains.

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**Color**

**Hex(D09999)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D09999
RGB	208, 153, 153
RGB Percent	82%, 60%, 60%
CMY	0.1843, 0.4000, 0.4000
CMYK	0.00, 0.26, 0.26, 0.18
HSL	0°, 37%, 71%
HSV	0°, 26%, 82%
XYZ	43.1534, 38.4923, 35.2923
YIQ	169.4450, 32.7800, 11.6600

# Conversions

## Conversions Part 2

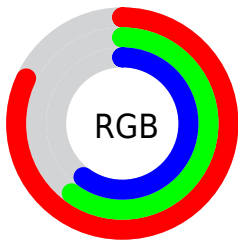
Format	Color
R <sub>Y</sub> B	208, 153, 153
Decimal	13670809
CIE Lab	68.38, 20.58, 8.10
CIE LCh	68, 22.115, 21.490
Yxy	38.4923, 0.3690, 0.3292
Android (android.graphics.Color)	4291860889 (0xFFD09999)
YUV	169.4450, -8.1074, 33.8127
Hunter-Lab	62.0421, 15.5820, 9.7027

# Details

The Hex color **D09999** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **99D0D0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD0CF**, and **986666** is the 20% darker color. If you saturate the color by 10%, you get **D08484**, and if you desaturate by 10%, it is **D0AEAE**.

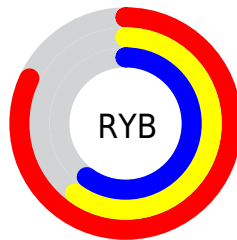
# Distribution



Red (82%)

Green (60%)

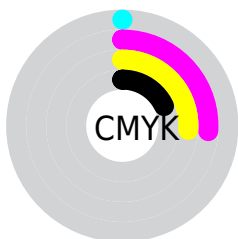
Blue (60%)



Red (82%)

Yellow (60%)

Blue (60%)

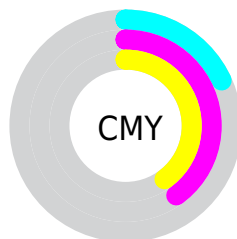


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (18%)



Cyan (18%)

Magenta (40%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D09999 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 D09999 by changing the saturation by 10% instead.



 D09999

 D09999

FFFFFF

 B47F7F

 FFD0CF

 986666

 FFECEB

 7E4D4E

 643637

 4A2022

 320A0C

 1B0001

 000000

 D09999

 D09999

 D08484

 D0AEAE

 D06F6F

 D0C3C3

 D05B5B

 D0D7D7

 D04646

 D0ECEC

 D03131

 D0FFFF

 D01C1C

 D00707

 D00000

# Harmonies

## Analogous

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



CB99AD



D09999



CA9D88

# Triad

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



D09999



90AF8D



87AACE

# Complementary

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



D09999



99D0D0

# 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.



73AFC5



D09999



7BB2A0

# Square

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



D09999



A7AA81



6FB2B5



A3A4CC

# Rectangle

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



D09999



C1A181



6FB2B5



7FACCC

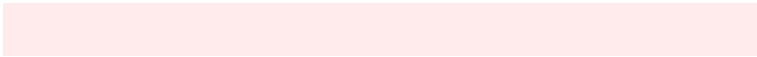


# Sweetspot

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



D09999



FFEBE8



D099D0



807373



000000



808080



# Same Dimension

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



D09999



FFADAD



D0B599



695E5E



A80000



290000



# Inverse Universe

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



99D0D0



ADFFFF



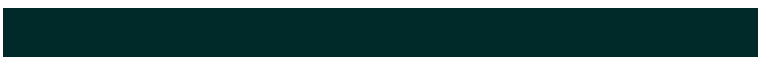
99B5D0



5E6969



00A8A8

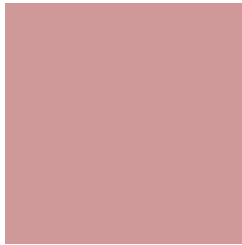


002929



# Previews

## White Background



This preview shows how the Hex color D09999 looks on a white background.

## Color Contrast Check

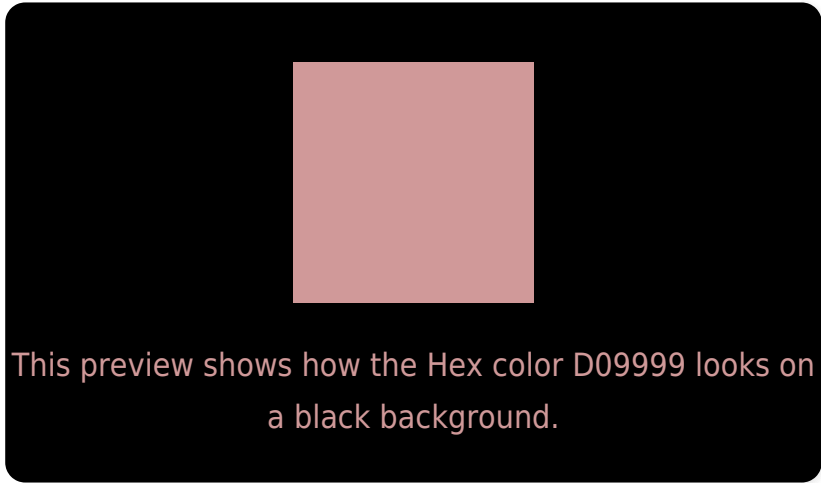
Large Text (above 18pt) WCAG AA × Fail

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 D09999 Background



This preview shows how black text looks on a background with the Hex color D09999.



This preview shows how white text looks on a background with the Hex color D09999.

# 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



**Original Color**  
D09999

**Protanopia**  
ACA6A0

**Deuteranopia**  
BDA197



**Tritanopia**  
D197A3

# Trichromacy



**Original Color**  
D09999

**Protanomaly**  
B9A19D

**Deuteranomaly**  
C49E98

**Tritanomaly**  
D1989F

# Monochromacy



**Original Color**  
D09999

**Achromatopsia**  
A9A9A9

**Achromatomaly**  
B7A3A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D09999 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 #D09999 looks like.

```
.text, #text, p{  
    color:#D09999  
}
```

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 #D09999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D09999
}
```

## Border

The CSS property to change the border of an element to Hex D09999 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
#D09999 }
```

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

```
.border{ border-color:#D09999 }
```

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

Here you see how a box with a 4 pixel #D09999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D09999; -webkit-box-shadow:4px 4px  
4px 4px #D09999; box-shadow:4px 4px 4px  
4px #D09999 }
```

# Background

The CSS property to change the background color of an element to Hex D09999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D09999 }
```

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

```
.background{ background-color:#D09999 }
```

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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