

# Converting Colors

Hex(DC9990)

Have a look what the booklet for  
Hex(DC9990) contains.

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# **Color**

**Hex(DC9990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC9990
RGB	220, 153, 144
RGB Percent	86%, 60%, 56%
CMY	0.1373, 0.4000, 0.4353
CMYK	0.00, 0.30, 0.35, 0.14
HSL	7°, 52%, 71%
HSV	7°, 35%, 86%
XYZ	45.9405, 40.0117, 31.6873
YIQ	172.0070, 42.8210, 11.4050

# Conversions

## Conversions Part 2

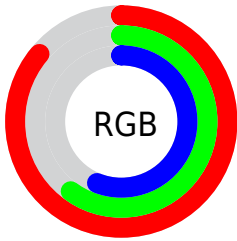
Format	Color
R <sub>Y</sub> B	220, 154, 144
Decimal	14457232
CIE Lab	69.48, 23.95, 14.84
CIE LCh	69, 28.178, 31.775
Yxy	40.0117, 0.3905, 0.3401
Android (android.graphics.Color)	4292647312 (0xFFDC9990)
YUV	172.0070, -13.8075, 42.0899
Hunter-Lab	63.2548, 18.9444, 14.5773

# Details

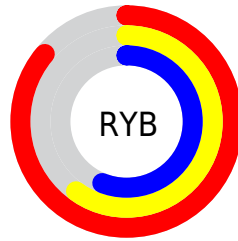
The Hex color **DC9990** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **90D3DC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD0C6**, and **A3655E** is the 20% darker color. If you saturate the color by 10%, you get **DC867A**, and if you desaturate by 10%, it is **DCACA6**.

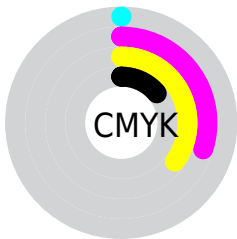
# Distribution



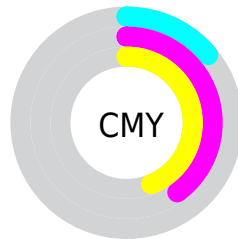
- Red (86%)
- Green (60%)
- Blue (56%)



- Red (86%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (35%)
- Black (14%)



- Cyan (14%)
- Magenta (40%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC9990 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 DC9990 by changing the saturation by 10% instead.



 DC9990

 DC9990

FFFFFF

 BF7F76

 FFD0C6

 A3655E

 FFECE2

 884D46

FFFFFFE

 6D3530

 531F1B

 3A0800

 230001

 000000

 DC9990

 DC9990

 DC867A

 DCACA6

 DC7264

 DCC0BC

 DC5F4E

 DCD3D2

 DC4B38

 DCE7E8

 DC3822

 DCFAFE

 DC250C

 DCFFFF

 DC1A00

# Harmonies

## Analogous

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



DB97A9



DC9990



D0A07D

# Triad

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



DC9990



81B691



8BACDC

# Complementary

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



DC9990



90D3DC

# 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.



69B3D6



DC9990



67B8AA

# Square

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



DC9990



9FB07E



5AB7C4



AFA3D5

# Rectangle

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



DC9990



C2A677



5AB7C4



7FAEDC

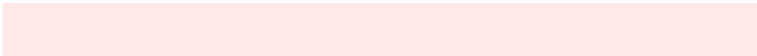


# Sweetspot

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



DC9990



FFE9E6



DC90D3



807270



000000



808080



# Same Dimension

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



DC9990



FFA396



DCBF90



6E6463



AD1500



2E0500



# Inverse Universe

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



90D3DC



96F3FF



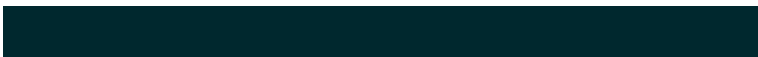
90ADDC



636C6E



0099AD



00282E



# Previews

## White Background



This preview shows how the Hex color DC9990 looks on a white background.

## Color Contrast Check

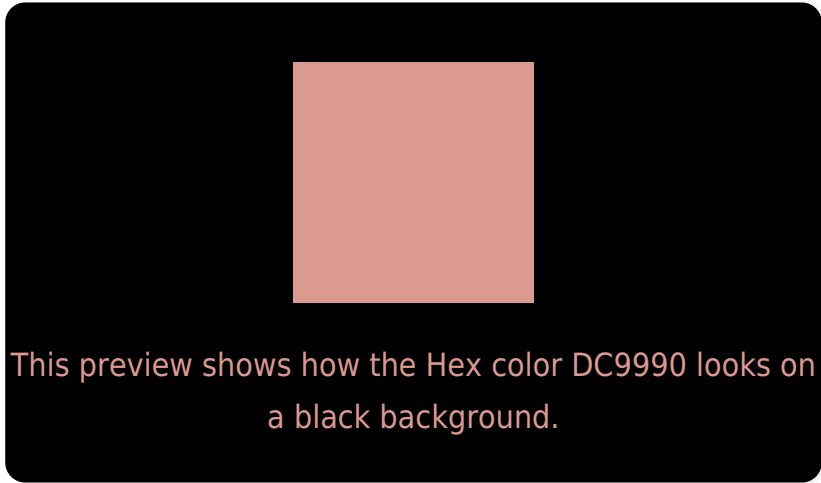
Large Text (above 18pt) WCAG AA × Fail

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

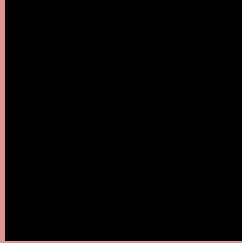
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DC9990 Background



This preview shows how black text looks on a background with the Hex color DC9990.

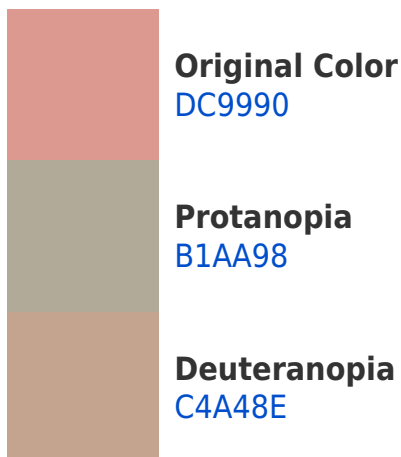



This preview shows how white text looks on a background with the Hex color DC9990.

# 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**  
DE96A2

# Trichromacy



**Original Color**  
DC9990

**Protanomaly**  
C1A495

**Deuteranomaly**  
CDA08F

**Tritanomaly**  
DD979B

# Monochromacy



**Original Color**  
DC9990

**Achromatopsia**  
ACACAC

**Achromatomaly**  
BDA5A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC9990 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 #DC9990 looks like.

```
.text, #text, p{  
    color:#DC9990  
}
```

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 #DC9990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9990
}
```

## Border

The CSS property to change the border of an element to Hex DC9990 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
#DC9990 }
```

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

```
.border{ border-color:#DC9990 }
```

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

Here you see how a box with a 4 pixel #DC9990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9990; -webkit-box-shadow:4px 4px  
4px 4px #DC9990; box-shadow:4px 4px 4px  
4px #DC9990 }
```

# Background

The CSS property to change the background color of an element to Hex DC9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9990 }
```

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

```
.background{ background-color:#DC9990 }
```

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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