

# Converting Colors

Hex(D2987A)

Have a look what the booklet for  
Hex(D2987A) contains.

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**Color**

**Hex(D2987A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2987A
RGB	210, 152, 122
RGB Percent	82%, 60%, 48%
CMY	0.1765, 0.4039, 0.5216
CMYK	0.00, 0.28, 0.42, 0.18
HSL	20°, 49%, 65%
HSV	20°, 42%, 82%
XYZ	41.3194, 37.5633, 23.4850
YIQ	165.9220, 44.1980, 2.9660

# Conversions

## Conversions Part 2

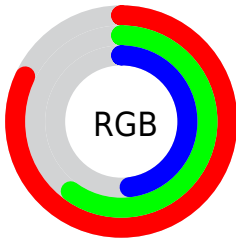
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 168, 122
Decimal	13801594
CIE Lab	67.70, 18.00, 24.36
CIE LCh	68, 30.294, 53.535
Yxy	37.5633, 0.4036, 0.3669
Android (android.graphics.Color)	4291991674 (0xFFD2987A)
YUV	165.9220, -21.6535, 38.6564
Hunter-Lab	61.2889, 13.0847, 20.1831

# Details

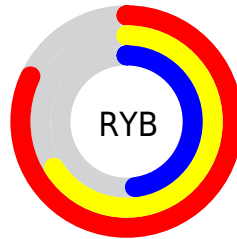
The Hex color **D2987A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7AB4D2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCEAF**, and **996549** is the 20% darker color. If you saturate the color by 10%, you get **D28A65**, and if you desaturate by 10%, it is **D2A68F**.

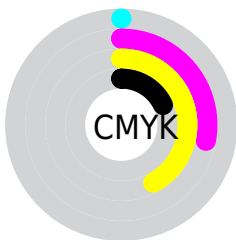
# Distribution



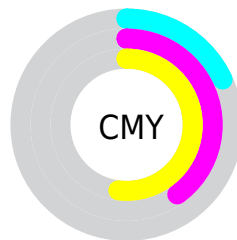
- Red (82%)
- Green (60%)
- Blue (48%)



- Red (82%)
- Yellow (66%)
- Blue (48%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2987A 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 D2987A by changing the saturation by 10% instead.



 D2987A

FFFFFF

 FFCEAF

 FFEBCA

 FFFFE6

 D2987A

 B57E61

 996549

 7E4D32

 63361C

 492005

 300B00

 130000

 000000

 D2987A

 D2987A

 D28A65

 D2A68F

 D27C50

 D2B4A4

 D26E3B

 D2C2B9

 D26126

 D2CFCE

 D25311

 D2DDE3

 D24800

 D2EBF8

 D2F9FF

 D2FFFF

# Harmonies

## Analogous

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



DB9290



D2987A



BDA16F

# Triad

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



D2987A



63B49E



A1A0D7

# Complementary

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



D2987A



7AB4D2

# 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.



78A9DB



D2987A



4CB4BA

# Square

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



D2987A



82B084



54B0D0



C297C6

# Rectangle

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



D2987A



ABA76F



54B0D0



93A3DA

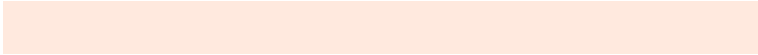


# Sweetspot

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



D2987A



FFE9DE



D27AB5



80726B



000000



808080



# Same Dimension

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



D2987A



FFAB80



D2C37A



69625E



A83900



290E00

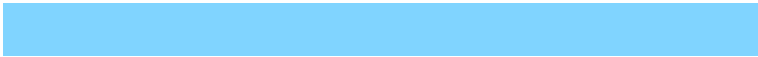


# Inverse Universe

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



7AB4D2



80D4FF



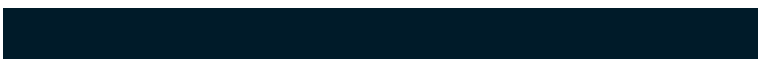
7A89D2



5E6569



006FA8



001B29



# Previews

## White Background



This preview shows how the Hex color D2987A looks on a white background.

## Color Contrast Check

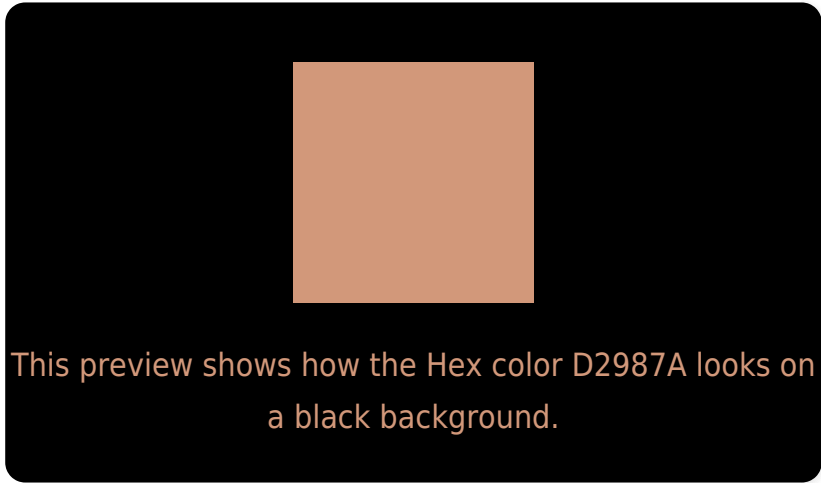
Large Text (above 18pt) WCAG AA × Fail

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

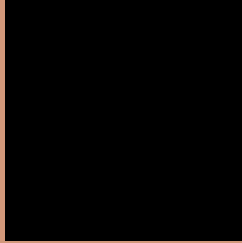
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2987A Background



This preview shows how black text looks on a background with the Hex color D2987A.



This preview shows how white text looks on a background with the Hex color D2987A.

# 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**  
D2987A

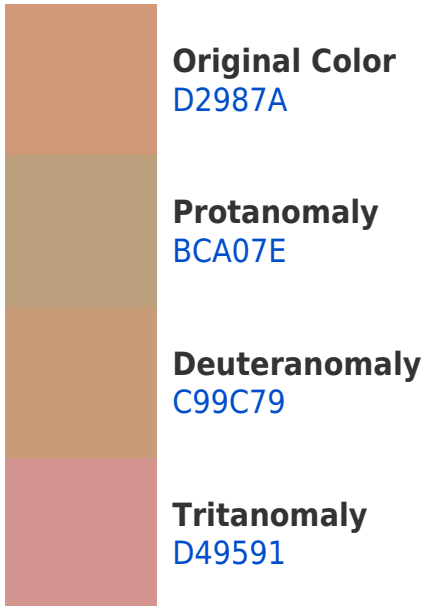
**Protanopia**  
B0A580

**Deuteranopia**  
C49E79

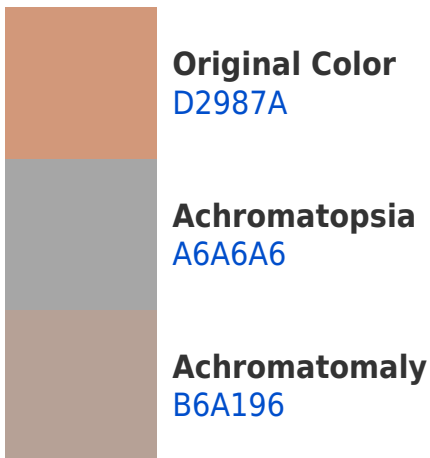


**Tritanopia**  
D5939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2987A 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 #D2987A looks like.

```
.text, #text, p{  
    color:#D2987A  
}
```

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 #D2987A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2987A
}
```

## Border

The CSS property to change the border of an element to Hex D2987A 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
#D2987A }
```

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

```
.border{ border-color:#D2987A }
```

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

Here you see how a box with a 4 pixel #D2987A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2987A; -webkit-box-shadow:4px 4px  
4px 4px #D2987A; box-shadow:4px 4px 4px  
4px #D2987A }
```

# Background

The CSS property to change the background color of an element to Hex D2987A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2987A }
```

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

```
.background{ background-color:#D2987A }
```

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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