

# Converting Colors

Hex(D2AF7F)

Have a look what the booklet for  
Hex(D2AF7F) contains.

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# **Color**

**Hex(D2AF7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2AF7F
RGB	210, 175, 127
RGB Percent	82%, 69%, 50%
CMY	0.1765, 0.3137, 0.5020
CMYK	0.00, 0.17, 0.40, 0.18
HSL	35°, 48%, 66%
HSV	35°, 40%, 82%
XYZ	45.7391, 45.8939, 26.5264
YIQ	179.9930, 36.2680, -7.5080

# Conversions

## Conversions Part 2

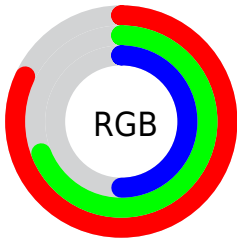
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 210, 127
Decimal	13807487
CIELab	73.48, 6.14, 29.36
CIElCh	73, 29.995, 78.179
Yxy	45.8939, 0.3871, 0.3884
Android (android.graphics.Color)	4291997567 (0xFFD2AF7F)
YUV	179.9930, -26.1255, 26.3161
Hunter-Lab	67.7450, 1.9632, 24.2058

# Details

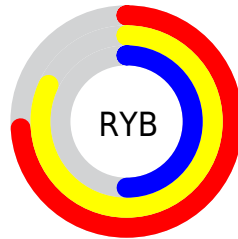
The Hex color **D2AF7F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7FA2D2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE6B4**, and **9A7B4D** is the 20% darker color. If you saturate the color by 10%, you get **D2A66A**, and if you desaturate by 10%, it is **D2B894**.

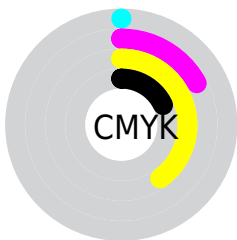
# Distribution



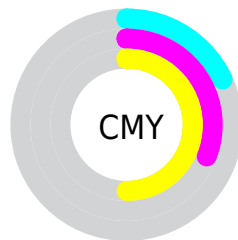
- Red (82%)
- Green (69%)
- Blue (50%)



- Red (74%)
- Yellow (82%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2AF7F 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 D2AF7F by changing the saturation by 10% instead.





D2AF7F



D2AF7F

FFFFFF



B69466



FFE6B4



9A7B4D



FFFFD0



7F6236



FFFEC



654A1F



4B3408



331F00



1B0700



000000



D2AF7F



D2AF7F

 D2A66A

 D2B894

 D29D55

 D2C1A9

 D29440

 D2CABE

 D28C2B

 D2D2D3

 D28316

 D2DBE8

 D27A01

 D2E4FD

 D27900

 D2EDFF

 D2F6FF

 D2FFFF

# Harmonies

## Analogous

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



E5A68D



D2AF7F



B7B880

# Triad

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



D2AF7F



61C4C5



CDA8D9

# Complementary

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



D2AF7F



7FA2D2

# 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.



A9B1E8



D2AF7F



63C1DD

# Square

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



D2AF7F



78C3A8



82BAEA



E4A1C1

# Rectangle

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



D2AF7F



A2BD89



82BAEA



C2ABE0



# Sweetspot

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



D2AF7F



FFF2E0



D27FA3



80786E



000000



808080



# Same Dimension

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



D2AF7F



FFCC87



CCD27F



69645E



A86100



291800

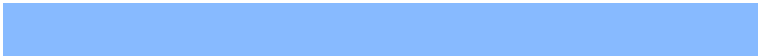


# Inverse Universe

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



7FA2D2



87BAFF



857FD2



5E6369



0047A8



001129



# Previews

## White Background



This preview shows how the Hex color D2AF7F looks on a white background.

## Color Contrast Check

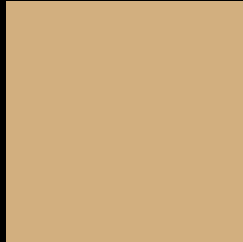
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D2AF7F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

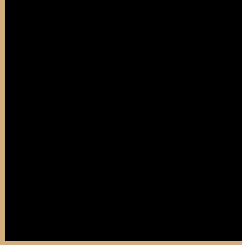
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2AF7F Background



This preview shows how black text looks on a background with the Hex color D2AF7F.



This preview shows how white text looks on a background with the Hex color D2AF7F.

# 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**  
D2AF7F

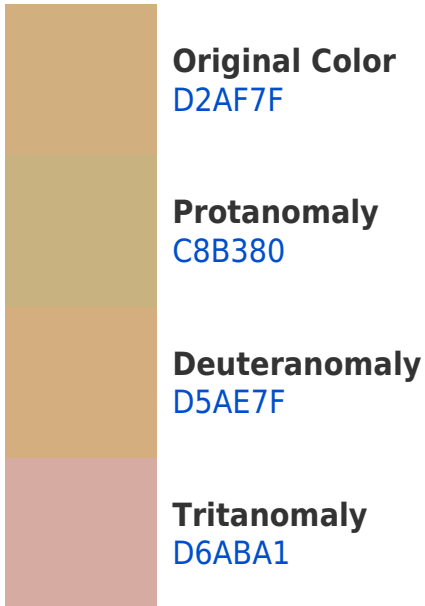
**Protanopia**  
C3B581

**Deuteranopia**  
D7AD7F

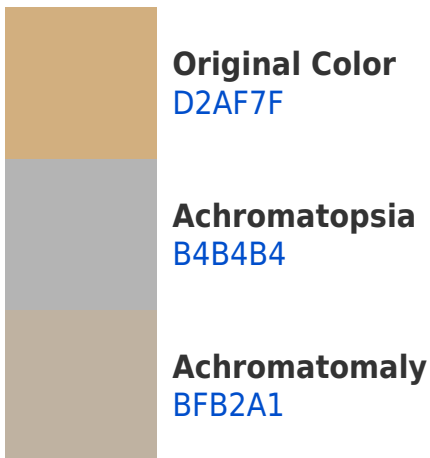


**Tritanopia**  
D8A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2AF7F 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 #D2AF7F looks like.

```
.text, #text, p{  
    color:#D2AF7F  
}
```

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 #D2AF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2AF7F
}
```

## Border

The CSS property to change the border of an element to Hex D2AF7F 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
#D2AF7F }
```

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

```
.border{ border-color:#D2AF7F }
```

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

Here you see how a box with a 4 pixel #D2AF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2AF7F; -webkit-box-shadow:4px 4px  
4px 4px #D2AF7F; box-shadow:4px 4px 4px  
4px #D2AF7F }
```

# Background

The CSS property to change the background color of an element to Hex D2AF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2AF7F }
```

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

```
.background{ background-color:#D2AF7F }
```

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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