

# Converting Colors

Hex(D2BC7A)

Have a look what the booklet for  
Hex(D2BC7A) contains.

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# **Color**

**Hex(D2BC7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2BC7A
RGB	210, 188, 122
RGB Percent	82%, 74%, 48%
CMY	0.1765, 0.2627, 0.5216
CMYK	0.00, 0.10, 0.42, 0.18
HSL	45°, 49%, 65%
HSV	45°, 42%, 82%
XYZ	48.0744, 51.0732, 25.7367
YIQ	187.0540, 34.2980, -15.8620

# Conversions

## Conversions Part 2

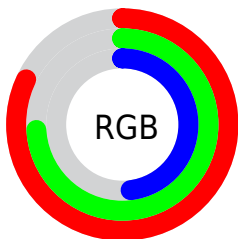
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 210, 122</a>
Decimal	<a href="#">13810810</a>
CIELab	<a href="#">76.72, -1.29, 36.21</a>
CIELCh	<a href="#">77, 36.231, 92.043</a>
Yxy	<a href="#">51.0732, 0.3850, 0.4090</a>
Android (android.graphics.Color)	<a href="#">4292000890 (0xFFD2BC7A)</a>
YUV	<a href="#">187.0540, -32.0716, 20.1236</a>
Hunter-Lab	<a href="#">71.4655, -4.9888, 28.6739</a>

# Details

The Hex color **D2BC7A** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7A90D2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF4AF**, and **9A8748** is the 20% darker color. If you saturate the color by 10%, you get **D2B765**, and if you desaturate by 10%, it is **D2C18F**.

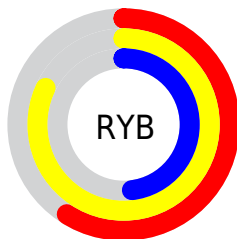
# Distribution



Red (82%)

Green (74%)

Blue (48%)



Red (59%)

Yellow (82%)

Blue (48%)

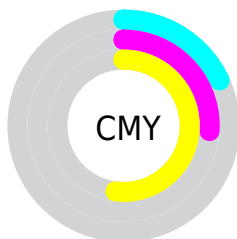


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (18%)



Cyan (18%)

Magenta (26%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2BC7A 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 D2BC7A by changing the saturation by 10% instead.





D2BC7A



D2BC7A

FFFFFF



B6A161



FFF4AF



9A8748



FFFFCB



7F6E30



FFFFE7



655618



4B3F00



332900



1A1500



000000



D2BC7A



D2BC7A

 D2B765

 D2C18F

 D2B250

 D2C7A4

 D2AC3B

 D2CCB9

 D2A726

 D2D1CE

 D2A211

 D2D6E3

 D29E00

 D2DCF8

 D2E1FF

 D2E6FF

 D2EBFF

# Harmonies

## Analogous

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



EEB183



D2BC7A



AEC684

# Triad

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



D2BC7A



47CEE0



EAA9DD

# Complementary

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



D2BC7A



7A90D2

# 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.



C5B4F6



D2BC7A



60C9F8

# Square

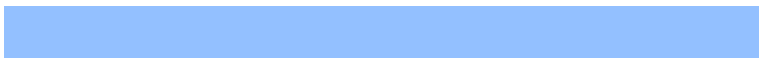
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D2BC7A



5FD0BF



93C0FF



FDA4BC

# Rectangle

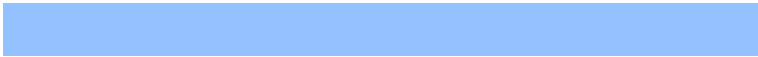
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2BC7A



94CB93



93C0FF



DFACE7



# Sweetspot

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



D2BC7A



FFF7DE



D27A90



807A6B



000000



808080



# Same Dimension

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



D2BC7A



FFDF80



BCD27A



69665E



A87E00



291F00



# Inverse Universe

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



7A90D2



809FFF



907AD2



5E6169



002AA8

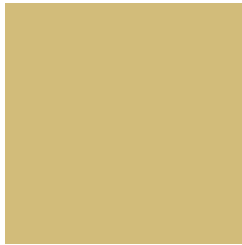


000A29



# Previews

## White Background



This preview shows how the Hex color D2BC7A looks on a white background.

## Color Contrast Check

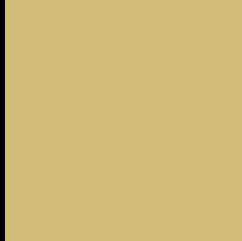
Large Text (above 18pt) WCAG AA × Fail

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 D2BC7A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

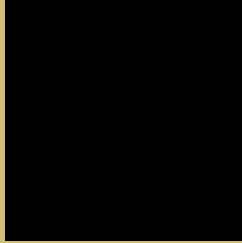
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2BC7A Background



This preview shows how black text looks on a background with the Hex color D2BC7A.

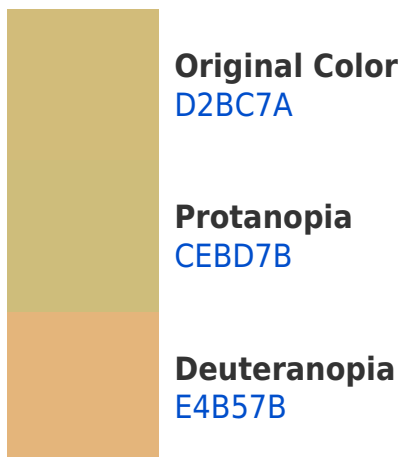


This preview shows how white text looks on a background with the Hex color D2BC7A.

# 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](#).

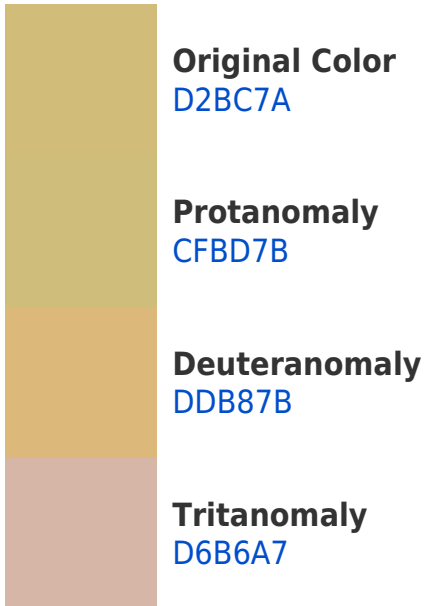
## Dichromacy



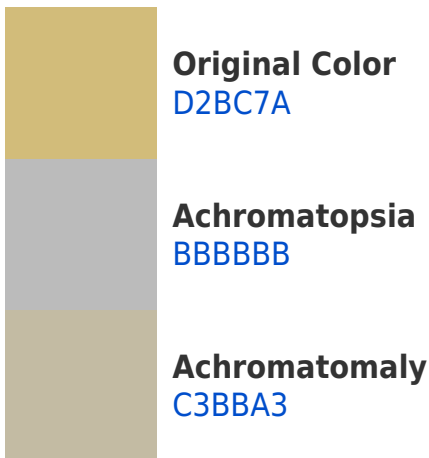


**Tritanopia**  
D9B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2BC7A 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 #D2BC7A looks like.

```
.text, #text, p{  
    color:#D2BC7A  
}
```

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 #D2BC7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2BC7A
}
```

## Border

The CSS property to change the border of an element to Hex D2BC7A 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
#D2BC7A }
```

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

```
.border{ border-color:#D2BC7A }
```

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

Here you see how a box with a 4 pixel #D2BC7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2BC7A; -webkit-box-shadow:4px 4px  
4px 4px #D2BC7A; box-shadow:4px 4px 4px  
4px #D2BC7A }
```

# Background

The CSS property to change the background color of an element to Hex D2BC7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2BC7A }
```

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

```
.background{ background-color:#D2BC7A }
```

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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