

# Converting Colors

Hex(D2B381)

Have a look what the booklet for  
Hex(D2B381) contains.

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# **Color**

**Hex(D2B381)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2B381
RGB	210, 179, 129
RGB Percent	82%, 70%, 51%
CMY	0.1765, 0.2980, 0.4941
CMYK	0.00, 0.15, 0.39, 0.18
HSL	37°, 47%, 66%
HSV	37°, 39%, 82%
XYZ	46.6609, 47.5268, 27.4832
YIQ	182.5690, 34.5260, -8.9780

# Conversions

## Conversions Part 2

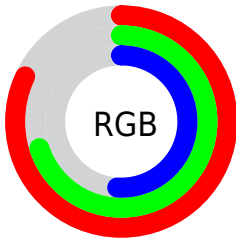
Format	Color
<a href="#">RYB</a>	<a href="#">179, 210, 129</a>
Decimal	<a href="#">13808513</a>
CIELab	<a href="#">74.53, 4.24, 29.68</a>
CIElCh	<a href="#">75, 29.984, 81.874</a>
Yxy	<a href="#">47.5268, 0.3835, 0.3906</a>
Android (android.graphics.Color)	<a href="#">4291998593 (0xFFD2B381)</a>
YUV	<a href="#">182.5690, -26.4095, 24.0570</a>
Hunter-Lab	<a href="#">68.9397, 0.1708, 24.6215</a>

# Details

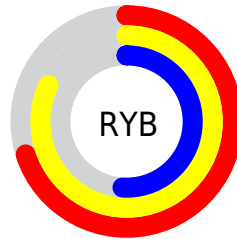
The Hex color **D2B381** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **81A0D2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE6B6**, and **9A7E4F** is the 20% darker color. If you saturate the color by 10%, you get **D2AB6C**, and if you desaturate by 10%, it is **D2BB96**.

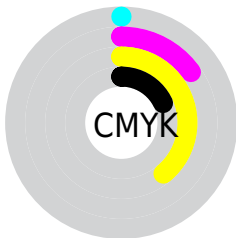
# Distribution



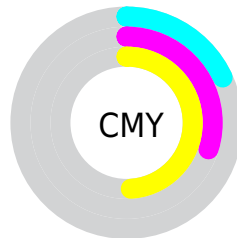
- Red (82%)
- Green (70%)
- Blue (51%)



- Red (70%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (39%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2B381 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 D2B381 by changing the saturation by 10% instead.



 D2B381

 D2B381

FFFFFF

 B69868

 FFE6B6

 9A7E4F

 FFFFD2

 7F6637

 FFFFEE

 654E21

 4B370A

 332200

 1B0C00

 000000

 D2B381

 D2B381

 D2AB6C

 D2BB96

 D2A357

 D2C3AB

 D29B42

 D2CBC0

 D2932D

 D2D3D5

 D28B18

 D2DBEA

 D28303

 D2E3FF

 D28200

 D2EBFF

 D2F3FF

 D2FBFF

# Harmonies

## Analogous

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



E6AA8D



D2B381



B6BC84

# Triad

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



D2B381



63C6CB



D3AADA

# Complementary

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



D2B381



81A0D2

# 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.



B1B3EA



D2B381



69C3E2

# Square

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



D2B381



78C6AF



89BCED



E9A4C0

# Rectangle

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



D2B381



A1C18E



89BCED



C9ACE1



# Sweetspot

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



D2B381



FFF3E0



D281A0



80796E



000000



808080



# Same Dimension

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



D2B381



FFD28A



C9D281



69655E



A86800



291900

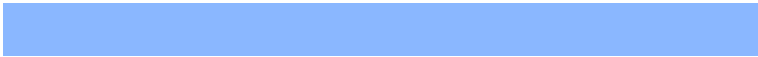


# Inverse Universe

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



81A0D2



8AB7FF



8A81D2



5E6269



0040A8



001029



# Previews

## White Background



This preview shows how the Hex color D2B381 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 D2B381 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

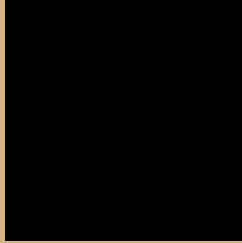
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2B381 Background



This preview shows how black text looks on a background with the Hex color D2B381.

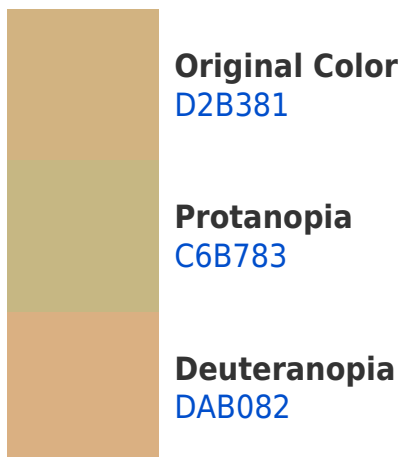


This preview shows how white text looks on a background with the Hex color D2B381.

# 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



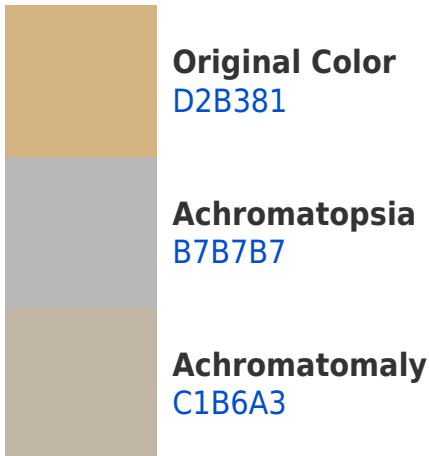


**Tritanopia**  
D8ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2B381 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 #D2B381 looks like.

```
.text, #text, p{  
    color:#D2B381  
}
```

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 #D2B381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2B381
}
```

## Border

The CSS property to change the border of an element to Hex D2B381 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
#D2B381 }
```

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

```
.border{ border-color:#D2B381 }
```

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

Here you see how a box with a 4 pixel #D2B381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2B381; -webkit-box-shadow:4px 4px  
4px 4px #D2B381; box-shadow:4px 4px 4px  
4px #D2B381 }
```

# Background

The CSS property to change the background color of an element to Hex D2B381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2B381 }
```

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

```
.background{ background-color:#D2B381 }
```

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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