

# Converting Colors

Hex(D2BD85)

Have a look what the booklet for  
Hex(D2BD85) contains.

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# **Color**

**Hex(D2BD85)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2BD85
RGB	210, 189, 133
RGB Percent	82%, 74%, 52%
CMY	0.1765, 0.2588, 0.4784
CMYK	0.00, 0.10, 0.37, 0.18
HSL	44°, 46%, 67%
HSV	44°, 37%, 82%
XYZ	49.0096, 51.7903, 29.6037
YIQ	188.8950, 30.4920, -12.9640

# Conversions

## Conversions Part 2

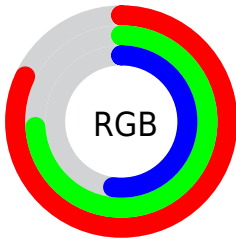
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 210, 133
Decimal	13811077
CIE <sub>Lab</sub>	77.16, -0.59, 31.05
CIE <sub>LCh</sub>	77, 31.052, 91.083
Yxy	51.7903, 0.3758, 0.3972
Android (android.graphics.Color)	4292001157 (0xFFD2BD85)
YUV	188.8950, -27.5562, 18.5091
Hunter-Lab	71.9655, -4.3784, 25.9863

# Details

The Hex color **D2BD85** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **859AD2**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFF5BB**, and **9A8853** is the 20% darker color. If you saturate the color by 10%, you get **D2B770**, and if you desaturate by 10%, it is **D2C39A**.

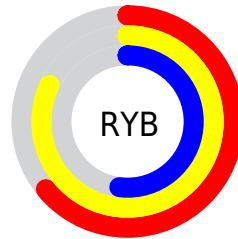
# Distribution



Red (82%)

Green (74%)

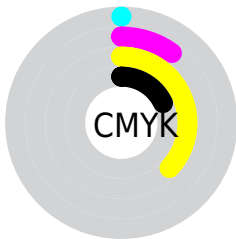
Blue (52%)



Red (64%)

Yellow (82%)

Blue (52%)

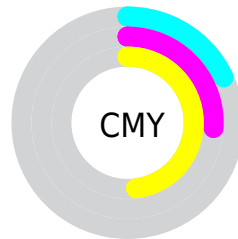


Cyan (0%)

Magenta (10%)

Yellow (37%)

Black (18%)



Cyan (18%)

Magenta (26%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2BD85 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 D2BD85 by changing the saturation by 10% instead.



 D2BD85

 D2BD85

FFFFFF

 B6A26B

 FFF5BB

 9A8853

 FFFFD7

 7F6F3B

 FFFFF3

 655624

 4C3F0D

 352900

 1C1500

 000000

 D2BD85

 D2BD85

 D2B770

 D2C39A

 D2B25B

 D2C8AF

 D2AC46

 D2CEC4

 D2A631

 D2D4D9

 D2A01C

 D2DAEE

 D29B07

 D2DFFF

 D29900

 D2E5FF

 D2EBFF

 D2F1FF

# Harmonies

## Analogous

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



EAB38D



D2BD85



B3C68D

# Triad

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



D2BD85



64CEDB



E4AEDB

# Complementary

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



D2BD85



859AD2

# 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.



C4B7F0



D2BD85



75C9F0

# Square

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



D2BD85



73CEBF



9BC1F8



F6A9BF

# Rectangle

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



D2BD85



9DCA9A



9BC1F8



DBB0E3

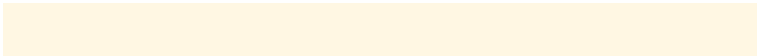


# Sweetspot

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



D2BD85



FFF7E3



D2859B



807B6F



000000



808080



# Same Dimension

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



D2BD85



FFE08F



C1D285



69665E



A87A00



291E00



# Inverse Universe

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



859AD2



8FADFF



9685D2



5E6169



002EA8



000B29



# Previews

## White Background



This preview shows how the Hex color D2BD85 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

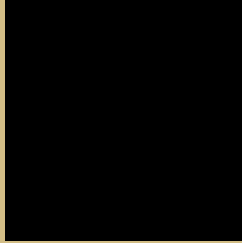
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D2BD85 Background



This preview shows how black text looks on a background with the Hex color D2BD85.



This preview shows how white text looks on a background with the Hex color D2BD85.

# 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



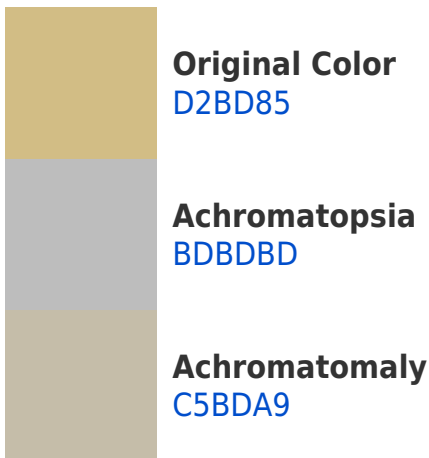


**Tritanopia**  
D9B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2BD85 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 #D2BD85 looks like.

```
.text, #text, p{  
    color:#D2BD85  
}
```

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 #D2BD85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2BD85
}
```

## Border

The CSS property to change the border of an element to Hex D2BD85 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
#D2BD85 }
```

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

```
.border{ border-color:#D2BD85 }
```

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

Here you see how a box with a 4 pixel #D2BD85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2BD85; -webkit-box-shadow:4px 4px  
4px 4px #D2BD85; box-shadow:4px 4px 4px  
4px #D2BD85 }
```

# Background

The CSS property to change the background color of an element to Hex D2BD85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2BD85 }
```

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

```
.background{ background-color:#D2BD85 }
```

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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