

# Converting Colors

Hex(D7BC79)

Have a look what the booklet for  
Hex(D7BC79) contains.

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# **Color**

**Hex(D7BC79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7BC79
RGB	215, 188, 121
RGB Percent	84%, 74%, 47%
CMY	0.1569, 0.2627, 0.5255
CMYK	0.00, 0.13, 0.44, 0.16
HSL	43°, 54%, 66%
HSV	43°, 44%, 84%
XYZ	49.4587, 51.7940, 25.4796
YIQ	188.4350, 37.5990, -15.1130

# Conversions

## Conversions Part 2

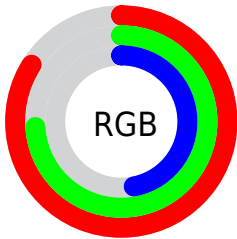
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 215, 121
Decimal	14138489
CIELab	77.16, 0.62, 37.37
CIELCh	77, 37.375, 89.042
Yxy	51.7940, 0.3903, 0.4087
Android (android.graphics.Color)	4292328569 (0xFFD7BC79)
YUV	188.4350, -33.2455, 23.2975
Hunter-Lab	71.9680, -3.2732, 29.3865

# Details

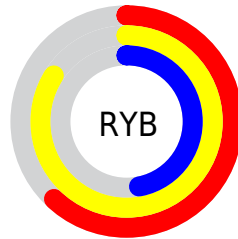
The Hex color **D7BC79** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **7994D7**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFF4AE**, and **9E8747** is the 20% darker color. If you saturate the color by 10%, you get **D7B664**, and if you desaturate by 10%, it is **D7C28F**.

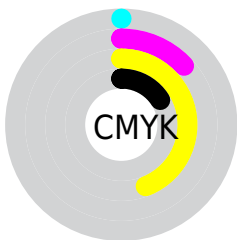
# Distribution



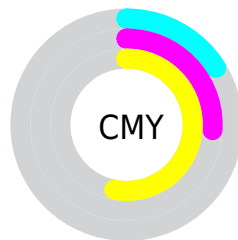
- Red (84%)
- Green (74%)
- Blue (47%)



- Red (62%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (44%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7BC79 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 D7BC79 by changing the saturation by 10% instead.



 D7BC79

 D7BC79

FFFFFF

 BAA160

 FFF4AE

 9E8747

 FFFCA

 836E2F

 FFFE6

 695617

 4F3F00

 362900

 1E1500

 000000

 D7BC79

 D7BC79

 D7B664

 D7C28F

 D7B04E

 D7C8A4

 D7A938

 D7CFBA

 D7A323

 D7D5CF

 D79D0D

 D7DBE5

 D79900

 D7E1FA

 D7E7FF

 D7EDFF

 D7F4FF

# Harmonies

## Analogous

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



F3B084



D7BC79



B3C781

# Triad

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



D7BC79



41D0DF



E9AAE3

# Complementary

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



D7BC79



7994D7

# 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.



C1B6FB



D7BC79



57CBF9

# Square

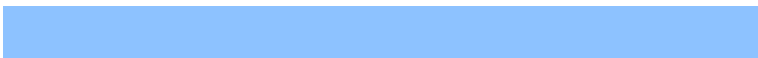
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7BC79



60D1BC



8DC2FF



FFA4C1

# Rectangle

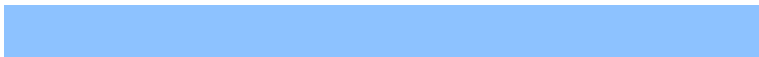
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7BC79



98CC90



8DC2FF



DEAEEC

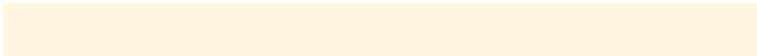


# Sweetspot

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



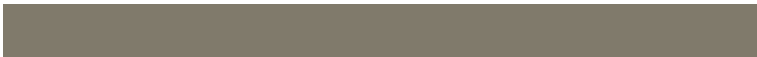
D7BC79



FFF5DE



D77995



807A6B



000000



808080



# Same Dimension

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



D7BC79



FFD97A



C4D779



6B6860



AB7A00



2B1F00



# Inverse Universe

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



7994D7



7AA0FF



8C79D7



60636B



0031AB



000C2B



# Previews

## White Background



This preview shows how the Hex color D7BC79 looks on a white background.

## Color Contrast Check

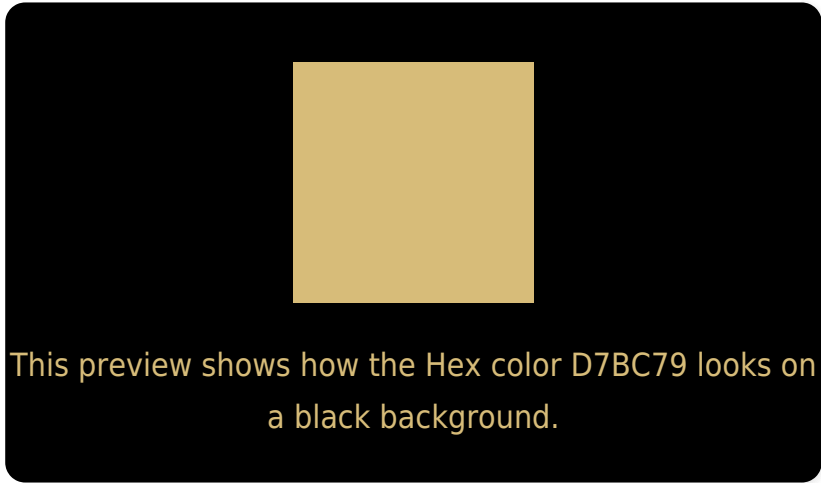
Large Text (above 18pt) WCAG AA × Fail

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

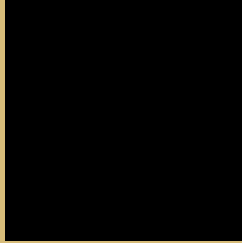
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D7BC79 Background



This preview shows how black text looks on a background with the Hex color D7BC79.



This preview shows how white text looks on a background with the Hex color D7BC79.

# 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**  
D7BC79

**Protanopia**  
CFBF7A

**Deuteranopia**  
E6B67A



**Tritanopia**  
DEB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7BC79 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 #D7BC79 looks like.

```
.text, #text, p{  
    color:#D7BC79  
}
```

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 #D7BC79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7BC79  
}
```

## Border

The CSS property to change the border of an element to Hex D7BC79 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  
#D7BC79 }
```

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

```
.border{ border-color:#D7BC79 }
```

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

Here you see how a box with a 4 pixel #D7BC79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7BC79; -webkit-box-shadow:4px 4px  
4px 4px #D7BC79; box-shadow:4px 4px 4px  
4px #D7BC79 }
```

# Background

The CSS property to change the background color of an element to Hex D7BC79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7BC79 }
```

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

```
.background{ background-color:#D7BC79 }
```

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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