

# Converting Colors

Hex(D0C083)

Have a look what the booklet for  
Hex(D0C083) contains.

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# **Color**

**Hex(D0C083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0C083
RGB	208, 192, 131
RGB Percent	82%, 75%, 51%
CMY	0.1843, 0.2471, 0.4863
CMYK	0.00, 0.08, 0.37, 0.18
HSL	48°, 45%, 66%
HSV	48°, 37%, 82%
XYZ	48.9588, 52.7479, 29.0737
YIQ	189.8300, 29.1170, -15.5790

# Conversions

## Conversions Part 2

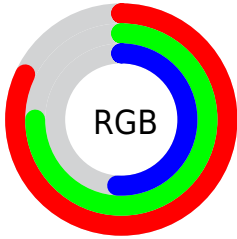
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 208, 131
Decimal	13680771
CIELab	77.73, -3.19, 32.81
CIELCh	78, 32.962, 95.545
Yxy	52.7479, 0.3744, 0.4033
Android (android.graphics.Color)	4291870851 (0xFFD0C083)
YUV	189.8300, -29.0032, 15.9351
Hunter-Lab	72.6277, -6.7706, 27.1050

# Details

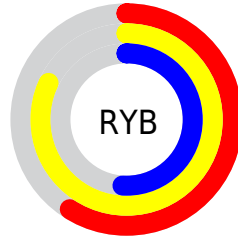
The Hex color **D0C083** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8393D0**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF8B9**, and **988B51** is the 20% darker color. If you saturate the color by 10%, you get **D0BC6E**, and if you desaturate by 10%, it is **D0C498**.

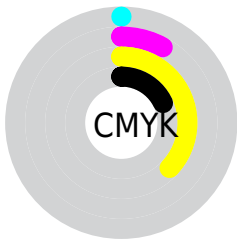
# Distribution



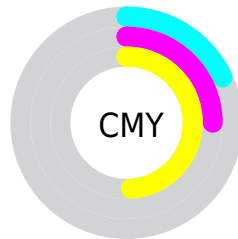
- Red (82%)
- Green (75%)
- Blue (51%)



- Red (59%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0C083 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 D0C083 by changing the saturation by 10% instead.



 D0C083

 D0C083

FFFFFF

 B4A569

 FFF8B9

 988B51

 FFFFD4

 7E7139

 FFFFF1

 645921

 4A4209

 332C00

 1B1800

 000000

 D0C083

 D0C083

 D0BC6E

 D0C498

 D0B759

 D0C9AD

 D0B345

 D0CDC1

 D0AF30

 D0D1D6

 D0AA1B

 D0D6EB

 D0A606

 D0DAFF

 D0A500

 D0DEFF

 D0E3FF

 D0E7FF

# Harmonies

## Analogous

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



EBB689



D0C083



AFC98E

# Triad

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



D0C083



5DD0E3



ECADDA

# Complementary

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



D0C083



8393D0

# 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.



CCB6F2



D0C083



75CAF7

# Square

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



D0C083



6BD1C5



A1C1FD



FCA9BB

# Rectangle

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



D0C083



97CD9D



A1C1FD



E3B0E3



# Sweetspot

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



D0C083



FFF9E3



D08394



807C6F



000000



808080



# Same Dimension

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



D0C083



FFE88F



BAD083



69665E



A88500



292000



# Inverse Universe

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



8393D0



8FA6FF



9983D0



5E6069



0023A8

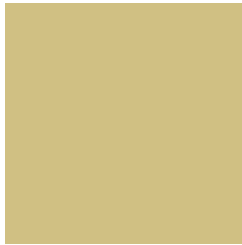


000829



# Previews

## White Background



This preview shows how the Hex color D0C083 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

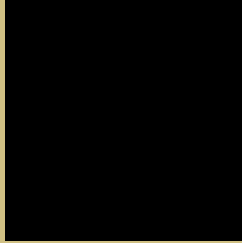
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0C083 Background



This preview shows how black text looks on a background with the Hex color D0C083.

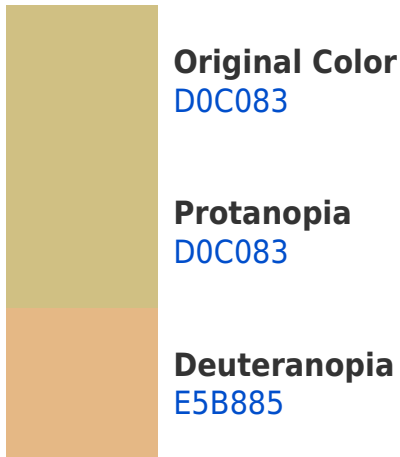


This preview shows how white text looks on a background with the Hex color D0C083.

# 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**  
D7B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0C083 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 #D0C083 looks like.

```
.text, #text, p{  
    color:#D0C083  
}
```

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 #D0C083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0C083
}
```

## Border

The CSS property to change the border of an element to Hex D0C083 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
#D0C083 }
```

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

```
.border{ border-color:#D0C083 }
```

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

Here you see how a box with a 4 pixel #D0C083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0C083; -webkit-box-shadow:4px 4px  
4px 4px #D0C083; box-shadow:4px 4px 4px  
4px #D0C083 }
```

# Background

The CSS property to change the background color of an element to Hex D0C083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0C083 }
```

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

```
.background{ background-color:#D0C083 }
```

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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