

# Converting Colors

Hex(D7C275)

Have a look what the booklet for  
Hex(D7C275) contains.

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**Color**

**Hex(D7C275)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D7C275                      |
| RGB         | 215, 194, 117               |
| RGB Percent | 84%, 76%, 46%               |
| CMY         | 0.1569, 0.2392, 0.5412      |
| CMYK        | 0.00, 0.10, 0.46, 0.16      |
| HSL         | 47°, 55%, 65%               |
| HSV         | 47°, 46%, 84%               |
| XYZ         | 50.5270, 54.3150, 24.6504   |
| YIQ         | 191.5010, 37.2330, -19.4950 |

# Conversions

## Conversions Part 2

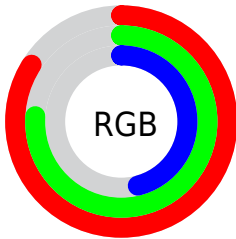
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 144, 215, 117                  |
| Decimal                             | 14140021                       |
| CIELab                              | 78.65, -2.91, 41.29            |
| CIELCh                              | 79, 41.389, 94.035             |
| Yxy                                 | 54.3150, 0.3902,<br>0.4194     |
| Android<br>(android.graphics.Color) | 4292330101<br>(0xFFD7C275)     |
| YUV                                 | 191.5010, -36.7290,<br>20.6086 |
| Hunter-Lab                          | 73.6987, -6.5952,<br>31.7581   |

# Details

The Hex color **D7C275** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **758AD7**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFAAA**, and **9E8D43** is the 20% darker color. If you saturate the color by 10%, you get **D7BD5F**, and if you desaturate by 10%, it is **D7C78B**.

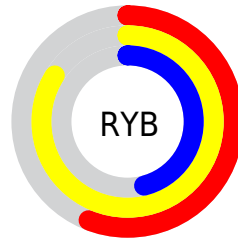
# Distribution



Red (84%)

Green (76%)

Blue (46%)



Red (56%)

Yellow (84%)

Blue (46%)

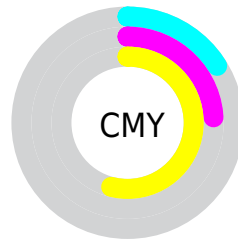


Cyan (0%)

Magenta (10%)

Yellow (46%)

Black (16%)



Cyan (16%)

Magenta (24%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7C275 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 D7C275 by changing the saturation by 10% instead.



 D7C275

 D7C275

FFFFFF

 BAA75B

 FFFAAA

 9E8D43

 FFFFC6

 83732A

 FFFFE2

 685B10

 4F4400

 362E00

 1D1900

 000000

 D7C275

 D7C275

 D7BD5F

 D7C78B

 D7B94A

 D7CBA0

 D7B434

 D7D0B6

 D7B01F

 D7D4CB

 D7AB09

 D7D9E1

 D7A900

 D7DEF6

 D7E2FF

 D7E7FF

 D7EBFF

# Harmonies

## Analogous

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



F8B57E



D7C275



AECD81

# Triad

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



D7C275



1CD6EC



F8AAE5

# Complementary

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



D7C275



758AD7

# 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.



CEB7FF



D7C275



4FD0FF

# Square

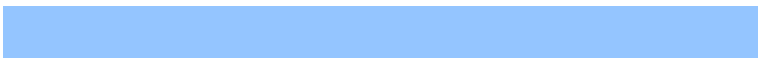
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7C275



4AD7C7



94C5FF



FFA5BF

# Rectangle

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



D7C275



90D294



94C5FF



ECAEF0



# Sweetspot

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



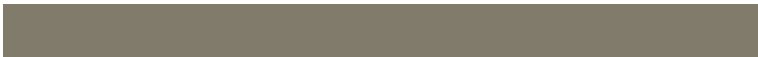
D7C275



FFF7DB



D7758A



807B6A



000000



808080



# Same Dimension

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



D7C275



FFE173



BBD775



6B6960



AB8600



2B2200



# Inverse Universe

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



758AD7



7391FF



9175D7



60636B



0025AB

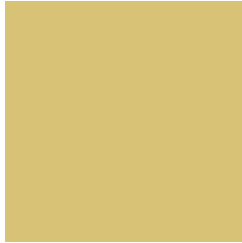


00092B



# Previews

## White Background



This preview shows how the Hex color D7C275 looks on a white background.

## Color Contrast Check

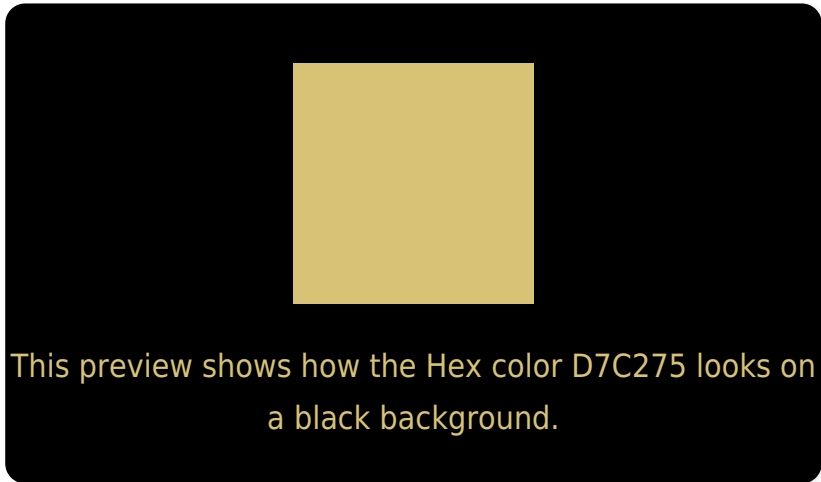
Large Text (above 18pt) WCAG AA × Fail

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 D7C275 Background



This preview shows how black text looks on a background with the Hex color D7C275.

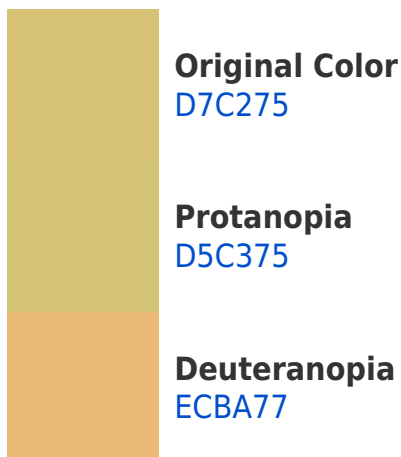


This preview shows how white text looks on a background with the Hex color D7C275.

# 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](#).

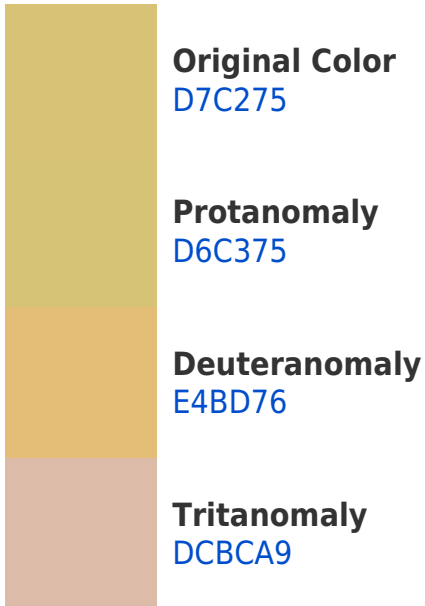
## Dichromacy



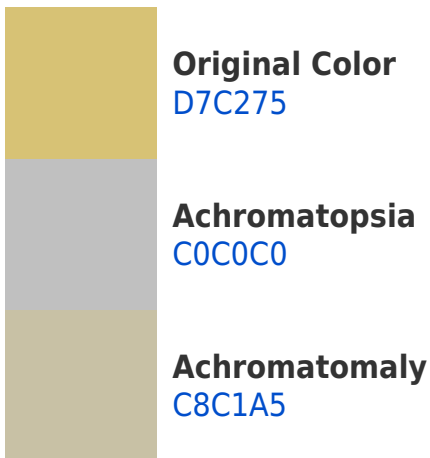


**Tritanopia**  
DFB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7C275 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 #D7C275 looks like.

```
.text, #text, p{  
    color:#D7C275  
}
```

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 #D7C275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7C275
}
```

## Border

The CSS property to change the border of an element to Hex D7C275 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
#D7C275 }
```

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

```
.border{ border-color:#D7C275 }
```

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

Here you see how a box with a 4 pixel #D7C275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7C275; -webkit-box-shadow:4px 4px  
4px 4px #D7C275; box-shadow:4px 4px 4px  
4px #D7C275 }
```

# Background

The CSS property to change the background color of an element to Hex D7C275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7C275 }
```

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

```
.background{ background-color:#D7C275 }
```

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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