

# Converting Colors

Hex(D79877)

Have a look what the booklet for  
Hex(D79877) contains.

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**Color**

**Hex(D79877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D79877
RGB	215, 152, 119
RGB Percent	84%, 60%, 47%
CMY	0.1569, 0.4039, 0.5333
CMYK	0.00, 0.29, 0.45, 0.16
HSL	21°, 55%, 65%
HSV	21°, 45%, 84%
XYZ	42.5823, 38.2355, 22.5886
YIQ	167.0750, 48.1410, 3.0930

# Conversions

## Conversions Part 2

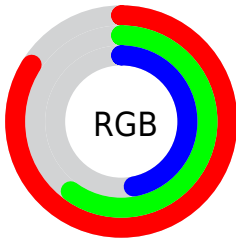
Format	Color
R <sub>Y</sub> B	215, 169, 119
Decimal	14129271
CIE Lab	68.19, 19.69, 26.76
CIE LCh	68, 33.225, 53.665
Yxy	38.2355, 0.4118, 0.3698
Android (android.graphics.Color)	4292319351 (0xFFD79877)
YUV	167.0750, -23.7010, 42.0302
Hunter-Lab	61.8348, 14.7125, 21.6254

# Details

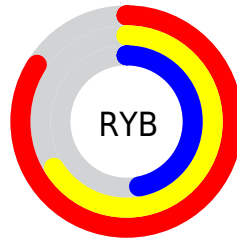
The Hex color **D79877** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77B6D7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFCEAB**, and **9E6546** is the 20% darker color. If you saturate the color by 10%, you get **D78A62**, and if you desaturate by 10%, it is **D7A68D**.

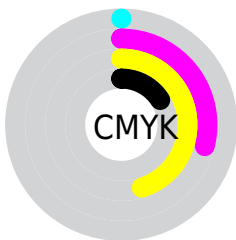
# Distribution



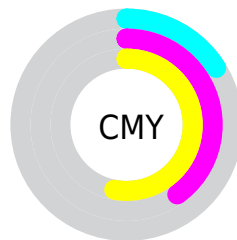
- Red (84%)
- Green (60%)
- Blue (47%)



- Red (84%)
- Yellow (66%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (16%)



- Cyan (16%)
- Magenta (40%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D79877 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 D79877 by changing the saturation by 10% instead.



 D79877

 D79877

FFFFFF

 BA7E5E

 FFCEAB

 9E6546

 FFEBC7

 824D2F

 FFFFE3

 67351A

 4D1F01

 330A00

 180001

 000000

 D79877

 D79877

 D78A62

 D7A68D

 D77C4C

 D7B4A2

 D76E37

 D7C2B8

 D76021

 D7D0CD

 D7510C

 D7DFE3

 D74A00

 D7EDF8

 D7FBFF

 D7FFFF

# Harmonies

## Analogous

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



E19190



D79877



C1A26B

# Triad

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



D79877



5BB69F



A1A1DD

# Complementary

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



D79877



77B6D7

# 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.



73ABE1



D79877



3EB6BD

# Square

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



D79877



80B382



47B3D6



C696CA

# Rectangle

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



D79877



ADA96B



47B3D6



92A4E0

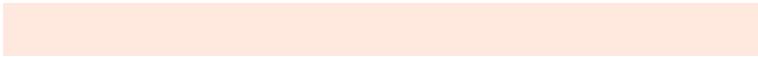


# Sweetspot

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



D79877



FFE9DE



D777B7



80726B



000000



808080



# Same Dimension

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



D79877



FFA575



D7C777



6B6460



AB3B00



2B0F00



# Inverse Universe

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



77B6D7



75D0FF



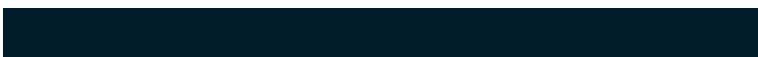
7787D7



60676B



0070AB



001C2B



# Previews

## White Background



This preview shows how the Hex color D79877 looks on a white background.

## Color Contrast Check

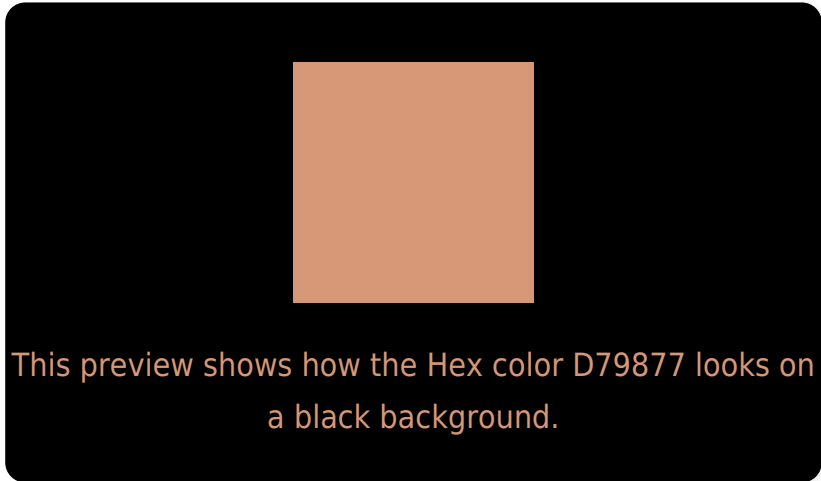
Large Text (above 18pt) WCAG AA × Fail

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

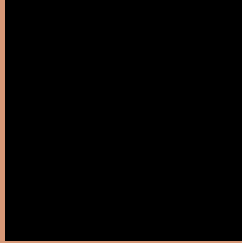
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D79877 Background



This preview shows how black text looks on a background with the Hex color D79877.

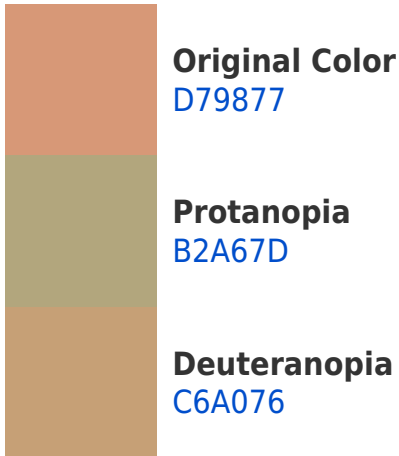


This preview shows how white text looks on a background with the Hex color D79877.

# 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**  
DA939E

# Trichromacy



**Original Color**  
D79877

**Protanomaly**  
BFA17B

**Deuteranomaly**  
CC9D76

**Tritanomaly**  
D99590

# Monochromacy



**Original Color**  
D79877

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
B8A296

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D79877 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 #D79877 looks like.

```
.text, #text, p{  
    color:#D79877  
}
```

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 #D79877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D79877  
}
```

## Border

The CSS property to change the border of an element to Hex D79877 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  
#D79877 }
```

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

```
.border{ border-color:#D79877 }
```

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

Here you see how a box with a 4 pixel #D79877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D79877; -webkit-box-shadow:4px 4px  
4px 4px #D79877; box-shadow:4px 4px 4px  
4px #D79877 }
```

# Background

The CSS property to change the background color of an element to Hex D79877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D79877 }
```

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

```
.background{ background-color:#D79877 }
```

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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