

Converting Colors

Hex(D49876)

Have a look what the booklet for
Hex(D49876) contains.

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Color

Hex(D49876)

Conversions

Conversions Part 1

Format	Color
Hex	D49876
RGB	212, 152, 118
RGB Percent	83%, 60%, 46%
CMY	0.1686, 0.4039, 0.5373
CMYK	0.00, 0.28, 0.44, 0.17
HSL	22°, 52%, 65%
HSV	22°, 44%, 83%
XYZ	41.6496, 37.7615, 22.2331
YIQ	166.0640, 46.6740, 2.1460

Conversions

Conversions Part 2

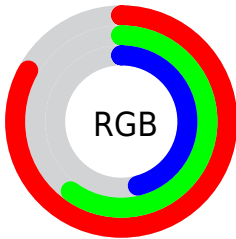
Format	Color
R _Y B	212, 171, 118
Decimal	13932662
CIE Lab	67.84, 18.38, 26.79
CIE LCh	68, 32.485, 55.548
Yxy	37.7615, 0.4098, 0.3715
Android (android.graphics.Color)	4292122742 (0xFFD49876)
YUV	166.0640, -23.6956, 40.2859
Hunter-Lab	61.4504, 13.4448, 21.5639

Details

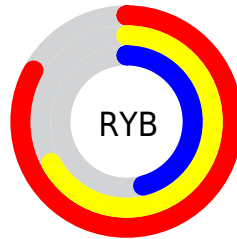
The Hex color **D49876** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **76B2D4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFCEAA**, and **9B6545** is the 20% darker color. If you saturate the color by 10%, you get **D48A61**, and if you desaturate by 10%, it is **D4A68B**.

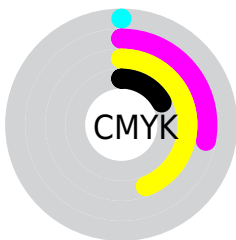
Distribution



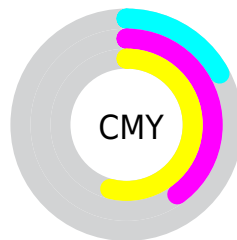
- Red (83%)
- Green (60%)
- Blue (46%)



- Red (83%)
- Yellow (67%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (17%)



- Cyan (17%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color D49876 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 D49876 by changing the saturation by 10% instead.

 D49876

 D49876

FFFFFF

 B77E5D

 FFCEAA

 9B6545

 FFEBC6

 7F4D2E

 FFFFE2

 653619

 4B1F00

 310A00

 140000

 000000

 D49876

 D49876

 D48A61

 D4A68B

 D47D4C

 D4B3A0

 D46F36

 D4C1B6

 D46221

 D4CECB

 D4540C

 D4DCE0

 D44D00

 D4E9F5

 D4F7FF

 D4FFFF

Harmonies

Analogous

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



DF918D



D49876



BDA26B

Triad

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



D49876



5AB5A0



A39FDA

Complementary

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



D49876



76B2D4

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.



76A9DF



D49876



40B5BE

Square

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



D49876



7DB283



4CB1D5



C695C7

Rectangle

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



D49876



AAA86C



4CB1D5



95A3DE

Sweetspot

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



D49876



FFEADE



D476B3



80726B



000000



808080

Same Dimension

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



D49876



FFA978



D4C676



6B6460



AB3E00



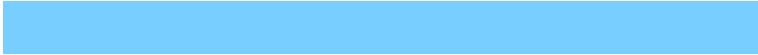
2B1000

Inverse Universe

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



76B2D4



78CEFF



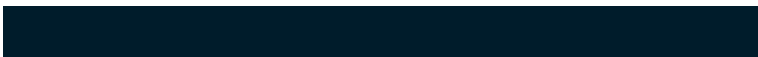
7684D4



60676B



006DAB



001C2B

Previews

White Background



This preview shows how the Hex color D49876 looks on a white background.

Color Contrast Check

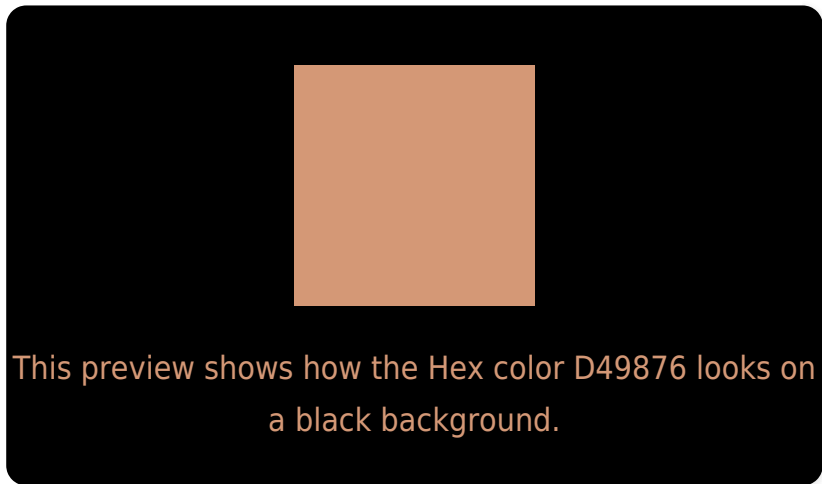
Large Text (above 18pt) WCAG AA × Fail

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

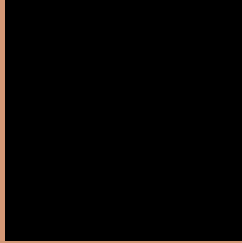
Any Text WCAG AA ✓ Pass

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 D49876 Background



This preview shows how black text looks on a background with the Hex color D49876.

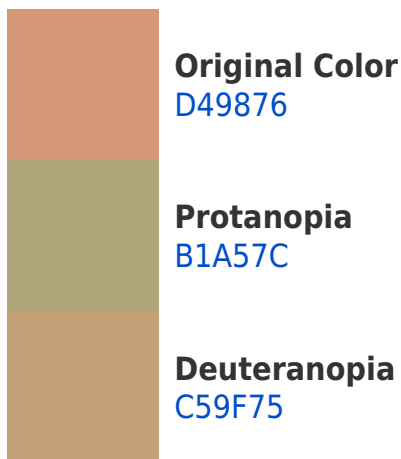



This preview shows how white text looks on a background with the Hex color D49876.

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](#).

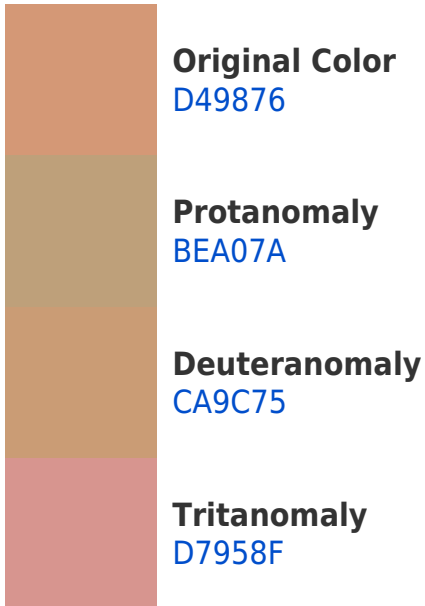
Dichromacy



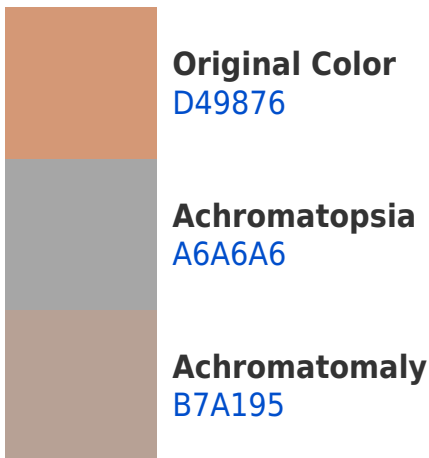


Tritanopia
D8939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D49876 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 #D49876 looks like.

```
.text, #text, p{  
    color:#D49876  
}
```

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 #D49876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D49876
}
```

Border

The CSS property to change the border of an element to Hex D49876 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
#D49876 }
```

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

```
.border{ border-color:#D49876 }
```

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

Here you see how a box with a 4 pixel #D49876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D49876; -webkit-box-shadow:4px 4px  
4px 4px #D49876; box-shadow:4px 4px 4px  
4px #D49876 }
```

Background

The CSS property to change the background color of an element to Hex D49876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D49876 }
```

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

```
.background{ background-color:#D49876 }
```

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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