

Converting Colors

Hex(D2A47E)

Have a look what the booklet for
Hex(D2A47E) contains.

Hex(D2A47E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D2A47E)

Conversions

Conversions Part 1

Format	Color
Hex	D2A47E
RGB	210, 164, 126
RGB Percent	82%, 64%, 49%
CMY	0.1765, 0.3569, 0.5059
CMYK	0.00, 0.22, 0.40, 0.18
HSL	27°, 48%, 66%
HSV	27°, 40%, 82%
XYZ	43.6197, 41.7589, 25.4999
YIQ	173.4220, 39.6140, -2.0660

Conversions

Conversions Part 2

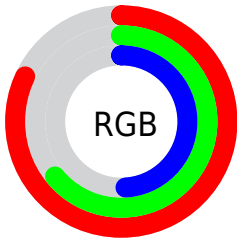
Format	Color
RYB	210, 195, 126
Decimal	13804670
CIELab	70.70, 11.95, 26.21
CIELCh	71, 28.805, 65.498
Yxy	41.7589, 0.3934, 0.3766
Android (android.graphics.Color)	4291994750 (0xFFD2A47E)
YUV	173.4220, -23.3790, 32.0789
Hunter-Lab	64.6211, 7.4017, 21.8386

Details

The Hex color **D2A47E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7EACD2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFDBB3**, and **9A704D** is the 20% darker color. If you saturate the color by 10%, you get **D29969**, and if you desaturate by 10%, it is **D2B093**.

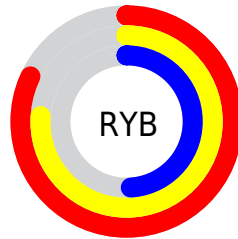
Distribution



Red (82%)

Green (64%)

Blue (49%)



Red (82%)

Yellow (76%)

Blue (49%)

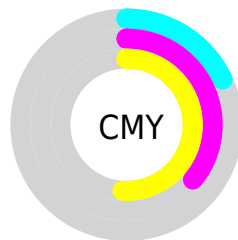


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (18%)



Cyan (18%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2A47E 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 D2A47E by changing the saturation by 10% instead.

 D2A47E

 D2A47E

FFFFFF

 B68A65

 FFDBB3

 9A704D

 FFF7CF

 7F5835

 FFFFEB

 64401F

 4A2A09

 321600

 1B0000

 000000

 D2A47E

 D2A47E

 D29969

 D2B093

 D28D54

 D2BBA8

 D2823F

 D2C6BD

 D2762A

 D2D2D2

 D26B15

 D2DEE7

 D25F00

 D2E9FC

 D2F4FF

 D2FFFF

Harmonies

Analogous

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



E09D90



D2A47E



BBAD79

Triad

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



D2A47E



65BCB1



B7A5D8

Complementary

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



D2A47E



7EACD2

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.



92AEE1



D2A47E



5BBACA

Square

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



D2A47E



80BA96



6EB6DC



D39DC3

Rectangle

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



D2A47E



A8B27D



6EB6DC



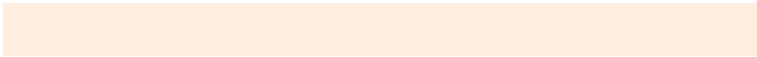
ABA8DC

Sweetspot

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



D2A47E



FFEEE0



D27EAC



80766E



000000



808080

Same Dimension

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



D2A47E



FFBC85



D2CE7E



69635E



A84C00



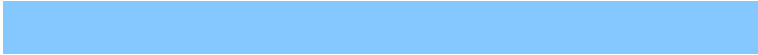
291200

Inverse Universe

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



7EACD2



85C8FF



7E82D2



5E6469



005CA8



001629

Previews

White Background



This preview shows how the Hex color D2A47E looks on a white background.

Color Contrast Check

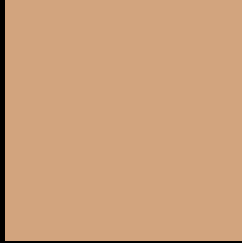
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D2A47E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

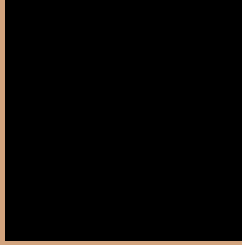
Any Text WCAG AA ✓ Pass

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 D2A47E Background



This preview shows how black text looks on a background with the Hex color D2A47E.



This preview shows how white text looks on a background with the Hex color D2A47E.

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
D2A47E

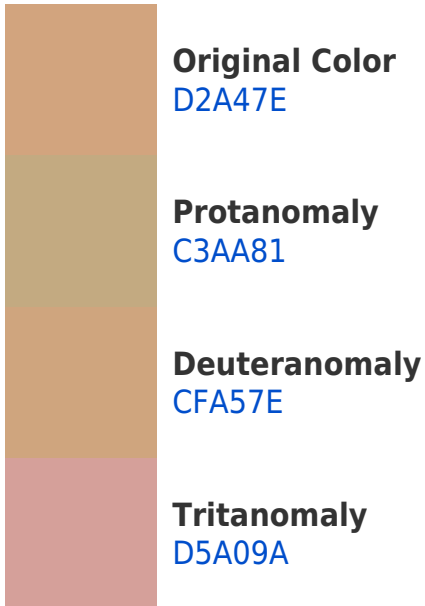
Protanopia
BAAD82

Deuteranopia
CDA67E



Tritanopia
D69EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2A47E 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 #D2A47E looks like.

```
.text, #text, p{  
    color:#D2A47E  
}
```

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 #D2A47E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A47E
}
```

Border

The CSS property to change the border of an element to Hex D2A47E 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
#D2A47E }
```

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

```
.border{ border-color:#D2A47E }
```

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

Here you see how a box with a 4 pixel #D2A47E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A47E; -webkit-box-shadow:4px 4px  
4px 4px #D2A47E; box-shadow:4px 4px 4px  
4px #D2A47E }
```

Background

The CSS property to change the background color of an element to Hex D2A47E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A47E }
```

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

```
.background{ background-color:#D2A47E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor