

Converting Colors

Hex(D2A286)

Have a look what the booklet for
Hex(D2A286) contains.

Hex(D2A286)	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(D2A286)

Conversions

Conversions Part 1

Format	Color
Hex	D2A286
RGB	210, 162, 134
RGB Percent	82%, 64%, 53%
CMY	0.1765, 0.3647, 0.4745
CMYK	0.00, 0.23, 0.36, 0.18
HSL	22°, 46%, 67%
HSV	22°, 36%, 82%
XYZ	43.8017, 41.2635, 28.2103
YIQ	173.1600, 37.5960, 1.4680

Conversions

Conversions Part 2

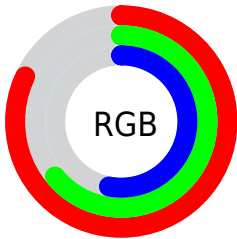
Format	Color
R _Y B	210, 178, 134
Decimal	13804166
CIE Lab	70.36, 13.97, 21.40
CIE LCh	70, 25.551, 56.867
Yxy	41.2635, 0.3867, 0.3643
Android (android.graphics.Color)	4291994246 (0xFFD2A286)
YUV	173.1600, -19.3059, 32.3087
Hunter-Lab	64.2367, 9.3015, 18.9278

Details

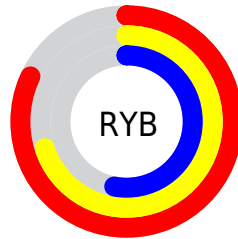
The Hex color **D2A286** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **86B6D2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFD9BB**, and **9A6E54** is the 20% darker color. If you saturate the color by 10%, you get **D29571**, and if you desaturate by 10%, it is **D2AF9B**.

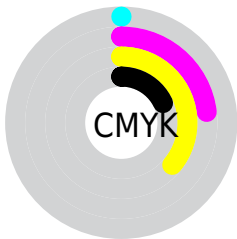
Distribution



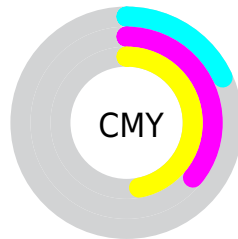
- Red (82%)
- Green (64%)
- Blue (53%)



- Red (82%)
- Yellow (70%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (18%)



- Cyan (18%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2A286 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 D2A286 by changing the saturation by 10% instead.

 D2A286

 D2A286

FFFFFF

 B6886D

 FFD9BB

 9A6E54

 FFF5D7

 7F563D

 FFFFF4

 653E27

 4B2812

 331300

 1C0000

 000000

 D2A286

 D2A286

 D29571

 D2AF9B

 D2875C

 D2BDB0

 D27A47

 D2CAC5

 D26D32

 D2D7DA

 D2601D

 D2E4EF

 D25208

 D2F2FF

 D24D00

 D2FFFF

Harmonies

Analogous

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



DB9C98



D2A286



BFAA7E

Triad

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



D2A286



74B9A9



ACA7D5

Complementary

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



D2A286



86B6D2

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.



8CAFDA



D2A286



67B9C0

Square

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



D2A286



8CB692



71B5D2



C89FC6

Rectangle

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



D2A286



B0AF7F



71B5D2



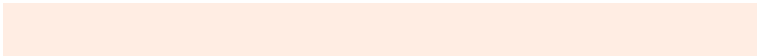
A2AAD8

Sweetspot

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



D2A286



FFEDE3



D286B6



80756F



000000



808080

Same Dimension

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



D2A286



FFBA91



D2C886



69625E



A83E00



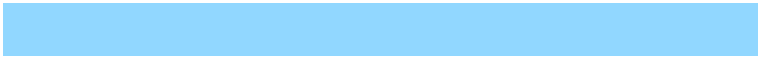
290F00

Inverse Universe

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



86B6D2



91D7FF



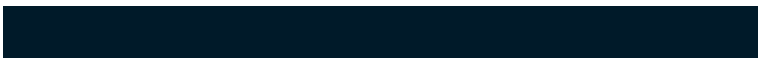
8690D2



5E6569



006AA8



001A29

Previews

White Background



This preview shows how the Hex color D2A286 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 D2A286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

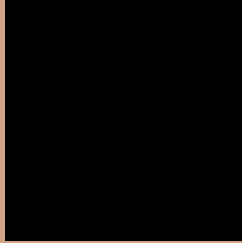
Any Text WCAG AA ✓ Pass

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 D2A286 Background



This preview shows how black text looks on a background with the Hex color D2A286.



This preview shows how white text looks on a background with the Hex color D2A286.

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
D2A286

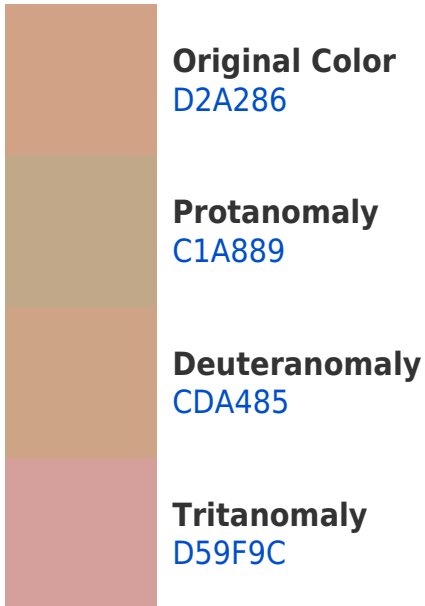
Protanopia
B7AC8B

Deuteranopia
CAA585

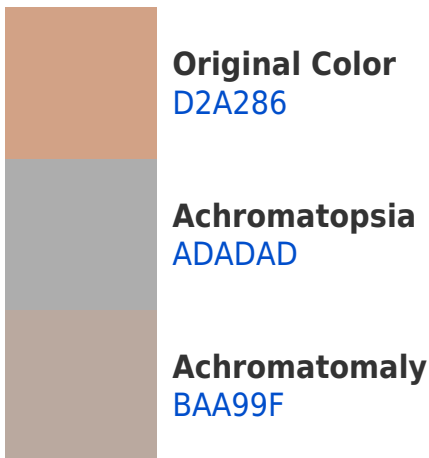


Tritanopia
D69DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2A286 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 #D2A286 looks like.

```
.text, #text, p{  
    color:#D2A286  
}
```

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 #D2A286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A286
}
```

Border

The CSS property to change the border of an element to Hex D2A286 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
#D2A286 }
```

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

```
.border{ border-color:#D2A286 }
```

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

Here you see how a box with a 4 pixel #D2A286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A286; -webkit-box-shadow:4px 4px  
4px 4px #D2A286; box-shadow:4px 4px 4px  
4px #D2A286 }
```

Background

The CSS property to change the background color of an element to Hex D2A286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A286 }
```

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

```
.background{ background-color:#D2A286 }
```

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