

Converting Colors

Hex(C28D74)

Have a look what the booklet for
Hex(C28D74) contains.

Hex(C28D74)	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(C28D74)

Conversions

Conversions Part 1

Format	Color
Hex	C28D74
RGB	194, 141, 116
RGB Percent	76%, 55%, 45%
CMY	0.2392, 0.4471, 0.5451
CMYK	0.00, 0.27, 0.40, 0.24
HSL	19°, 39%, 61%
HSV	19°, 40%, 76%
XYZ	34.9254, 31.7800, 20.8164
YIQ	153.9970, 39.6130, 3.4610

Conversions

Conversions Part 2

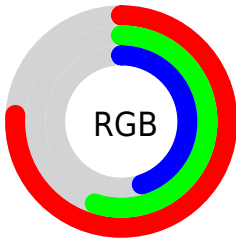
Format	Color
RYB	194, 153, 116
Decimal	12750196
CIELab	63.16, 16.92, 21.27
CIElCh	63, 27.176, 51.500
Yxy	31.7800, 0.3990, 0.3631
Android (android.graphics.Color)	4290940276 (0xFFC28D74)
YUV	153.9970, -18.7325, 35.0826
Hunter-Lab	56.3738, 11.9324, 17.5684

Details

The Hex color **C28D74** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74A9C2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FCC3A8**, and **8A5B44** is the 20% darker color. If you saturate the color by 10%, you get **C28061**, and if you desaturate by 10%, it is **C29A87**.

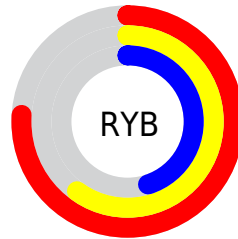
Distribution



Red (76%)

Green (55%)

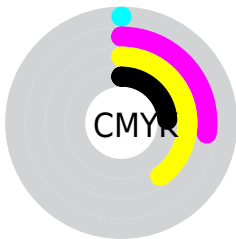
Blue (45%)



Red (76%)

Yellow (60%)

Blue (45%)

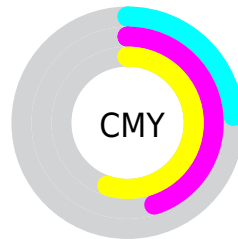


Cyan (0%)

Magenta (27%)

Yellow (40%)

Black (24%)



Cyan (24%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color C28D74 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 C28D74 by changing the saturation by 10% instead.

 C28D74

 C28D74

FFFFFF

 A6735B

 FCC3A8

 8A5B44

 FFDFC3

 70432D

 FFFBDF

 562C18

 FFFFFFFC

 3D1700

 250000

 000000

 C28D74

 C28D74

 C28061

 C29A87

 C2734D

 C2A79B

 C2653A

 C2B5AE

 C25826

 C2C2C2

 C24B13

 C2CFD5

 C23E00

 C2DCE8

 C2E9FC

 C2F6FF

 C2FFFF

Harmonies

Analogous

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



C98888



C28D74



B09569

Triad

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



C28D74



61A691



9395C6

Complementary

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



C28D74



74A9C2

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.



6F9DC8



C28D74



4EA6AA

Square

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



C28D74



7CA37A



52A3BE



B18DB7

Rectangle

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



C28D74



A19A69



52A3BE



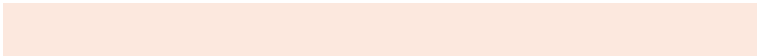
8798C8

Sweetspot

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



C28D74



FCE8DE



C274A9



80736E



000000



808080

Same Dimension

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



C28D74



FCAA83



C2B474



615A57



A13300



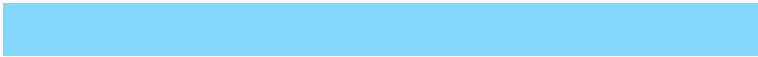
210B00

Inverse Universe

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



74A9C2



83D6FC



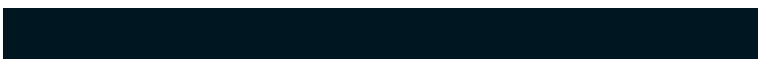
7482C2



575E61



006DA1



001721

Previews

White Background



This preview shows how the Hex color C28D74 looks on a white background.

Color Contrast Check

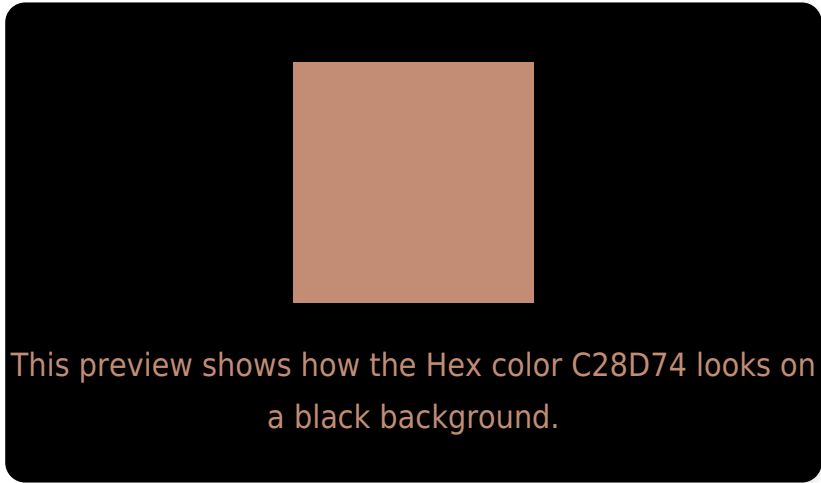
Large Text (above 18pt) WCAG AA × Fail

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 C28D74 Background



This preview shows how black text looks on a background with the Hex color C28D74.

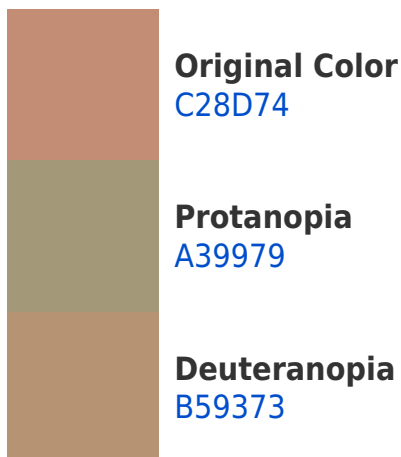


This preview shows how white text looks on a background with the Hex color C28D74.

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](#).

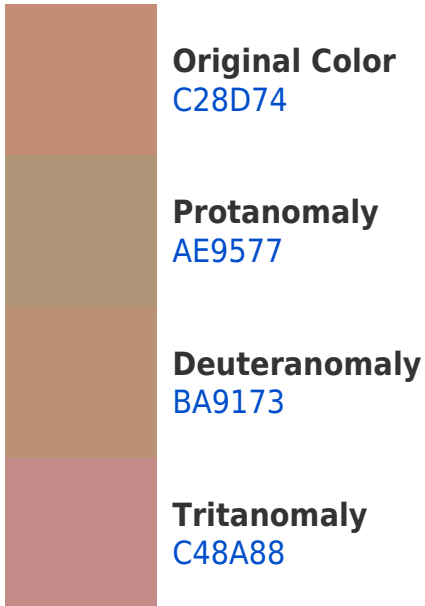
Dichromacy





Tritanopia
C58993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C28D74 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 #C28D74 looks like.

```
.text, #text, p{  
    color:#C28D74  
}
```

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 #C28D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28D74
}
```

Border

The CSS property to change the border of an element to Hex C28D74 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
#C28D74 }
```

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

```
.border{ border-color:#C28D74 }
```

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

Here you see how a box with a 4 pixel #C28D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28D74; -webkit-box-shadow:4px 4px  
4px 4px #C28D74; box-shadow:4px 4px 4px  
4px #C28D74 }
```

Background

The CSS property to change the background color of an element to Hex C28D74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28D74 }
```

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

```
.background{ background-color:#C28D74 }
```

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