

# Converting Colors

Hex(D29873)

Have a look what the booklet for  
Hex(D29873) contains.

<b>Hex(D29873)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D29873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D29873
RGB	210, 152, 115
RGB Percent	82%, 60%, 45%
CMY	0.1765, 0.4039, 0.5490
CMYK	0.00, 0.28, 0.45, 0.18
HSL	23°, 51%, 64%
HSV	23°, 45%, 82%
XYZ	40.9011, 37.3959, 21.2821
YIQ	165.1240, 46.4450, 0.7890

# Conversions

## Conversions Part 2

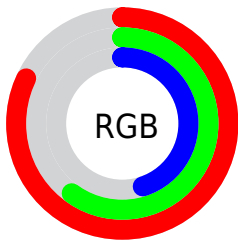
Format	Color
R <sub>Y</sub> B	210, 176, 115
Decimal	13801587
CIE Lab	67.57, 17.26, 28.02
CIE LCh	68, 32.911, 58.372
Yxy	37.3959, 0.4107, 0.3755
Android (android.graphics.Color)	4291991667 (0xFFD29873)
YUV	165.1240, -24.7111, 39.3563
Hunter-Lab	61.1522, 12.3717, 22.1726

# Details

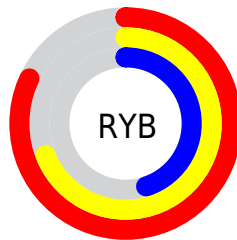
The Hex color **D29873** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **73ADD2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCEA7**, and **996542** is the 20% darker color. If you saturate the color by 10%, you get **D28B5E**, and if you desaturate by 10%, it is **D2A588**.

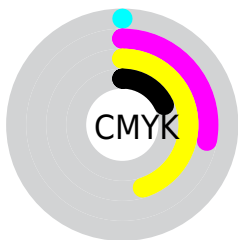
# Distribution



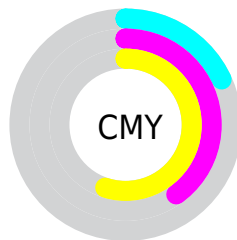
- Red (82%)
- Green (60%)
- Blue (45%)



- Red (82%)
- Yellow (69%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D29873 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 D29873 by changing the saturation by 10% instead.



 D29873

 D29873

FFFFFF

 B57E5A

 FFCEA7

 996542

 FFEBC3

 7E4D2C

 FFFFDF

 633616

 FFFFFB

 492000

 2F0B00

 100000

 000000

 D29873

 D29873

 D28B5E

 D2A588

 D27E49

 D2B29D

 D27234

 D2BEB2

 D2651F

 D2CBC7

 D2580A

 D2D8DC

 D25200

 D2E5F1

 D2F2FF

 D2FFFF

# Harmonies

## Analogous

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



DE908A



D29873



BAA269

# Triad

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



D29873



55B5A2



A69DD9

# Complementary

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



D29873



73ADD2

# 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.



79A8DF



D29873



3BB4C0

# Square

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



D29873



79B285



4CB0D6



C994C4

# Rectangle

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



D29873



A6A86C



4CB0D6



98A1DD

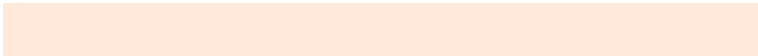


# Sweetspot

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



D29873



FFE9DB



D273AE



80726A



000000



808080



# Same Dimension

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



D29873



FFAB75



D2C773



69625E



A84200



291000

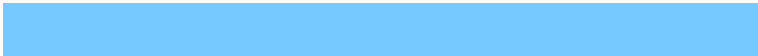


# Inverse Universe

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



73ADD2



75C9FF



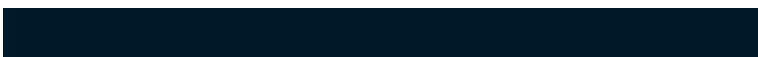
737ED2



5E6469



0067A8



001929



# Previews

## White Background



This preview shows how the Hex color D29873 looks on a white background.

## Color Contrast Check

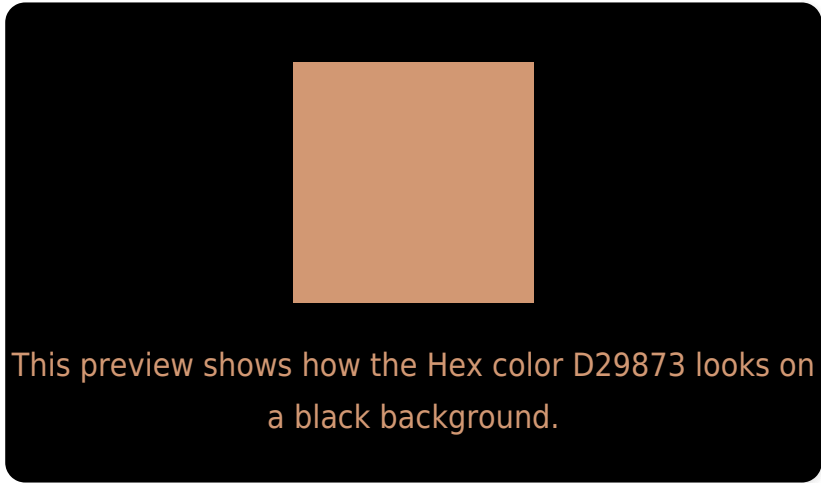
Large Text (above 18pt) WCAG AA × Fail

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

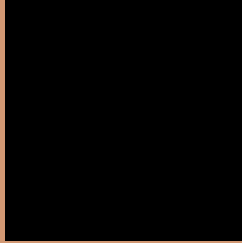
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D29873 Background



This preview shows how black text looks on a background with the Hex color D29873.

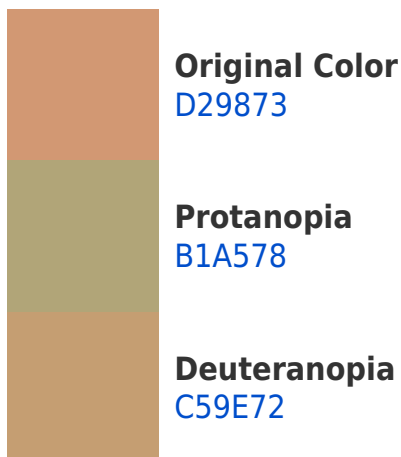



This preview shows how white text looks on a background with the Hex color D29873.

# 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](#).

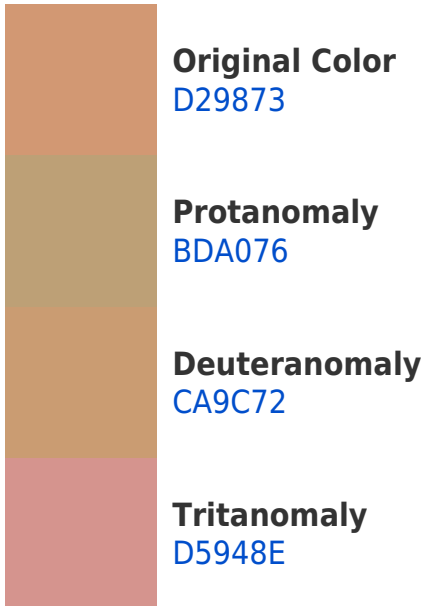
## Dichromacy



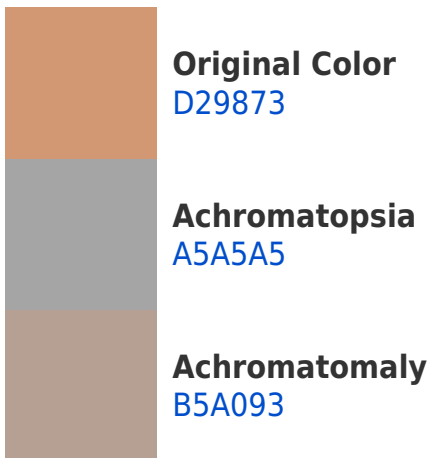


**Tritanopia**  
D6929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D29873 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 #D29873 looks like.

```
.text, #text, p{  
    color:#D29873  
}
```

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 #D29873 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D29873
}
```

## Border

The CSS property to change the border of an element to Hex D29873 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
#D29873 }
```

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

```
.border{ border-color:#D29873 }
```

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

Here you see how a box with a 4 pixel #D29873 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D29873; -webkit-box-shadow:4px 4px  
4px 4px #D29873; box-shadow:4px 4px 4px  
4px #D29873 }
```

# Background

The CSS property to change the background color of an element to Hex D29873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D29873 }
```

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

```
.background{ background-color:#D29873 }
```

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