

# Converting Colors

Hex(D28583)

Have a look what the booklet for  
Hex(D28583) contains.

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# **Color**

**Hex(D28583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D28583
RGB	210, 133, 131
RGB Percent	82%, 52%, 51%
CMY	0.1765, 0.4784, 0.4863
CMYK	0.00, 0.37, 0.38, 0.18
HSL	2°, 47%, 67%
HSV	2°, 38%, 82%
XYZ	39.0626, 32.1154, 25.6128
YIQ	155.7950, 46.5340, 15.7020

# Conversions

## Conversions Part 2

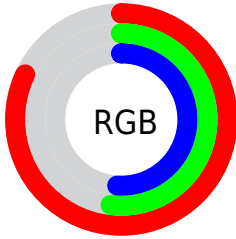
Format	Color
R <sub>Y</sub> B	210, 133, 131
Decimal	13796739
CIE Lab	63.44, 29.34, 13.50
CIE LCh	63, 32.296, 24.712
Yxy	32.1154, 0.4036, 0.3318
Android (android.graphics.Color)	4291986819 (0xFFD28583)
YUV	155.7950, -12.2239, 47.5378
Hunter-Lab	56.6704, 23.8657, 12.8726

# Details

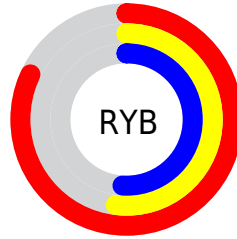
The Hex color **D28583** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83D0D2**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFBBB8**, and **995252** is the 20% darker color. If you saturate the color by 10%, you get **D2716E**, and if you desaturate by 10%, it is **D29998**.

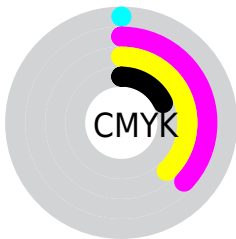
# Distribution



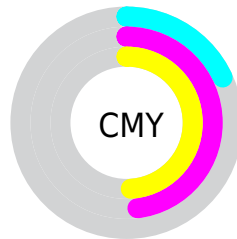
- Red (82%)
- Green (52%)
- Blue (51%)



- Red (82%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (48%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D28583 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 D28583 by changing the saturation by 10% instead.



 D28583

 D28583

FFFFFF

 B56B6A

 FFBBB8

 995252

 FFD7D4

 7E3A3B

 FFF4F0

 632225

 480911

 300000

 030000

 000000

 D28583

 D28583

 D2716E

 D29998

 D25C59

 D2AEAD

 D24844

 D2C2C2

 D2332F

 D2D7D7

 D21F1A

 D2EBEC

 D20A05

 D2FFFF

 D20500

# Harmonies

## Analogous

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



CE84A0



D28583



C88C6C

# Triad

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



D28583



73A677



699ED2

# Complementary

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



D28583



83D0D2

# 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.



3DA5C8



D28583



4FA993

# Square

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



D28583



959F65



31A9B1



9694CE

# Rectangle

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



D28583



BA9362



31A9B1



5AA1D0

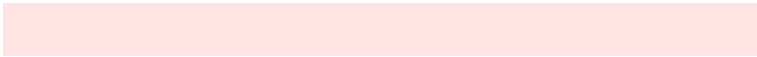


# Sweetspot

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



D28583



FFE4E3



D283D1



806F6F



000000



808080



# Same Dimension

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



D28583



FF8F8C



D2AC83



695E5E



A80400



290100



# Inverse Universe

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



83D0D2



8CFCFF



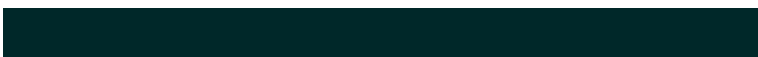
83A9D2



5E6869



00A4A8

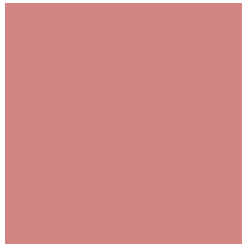


002829



# Previews

## White Background



This preview shows how the Hex color D28583 looks on a white background.

## Color Contrast Check

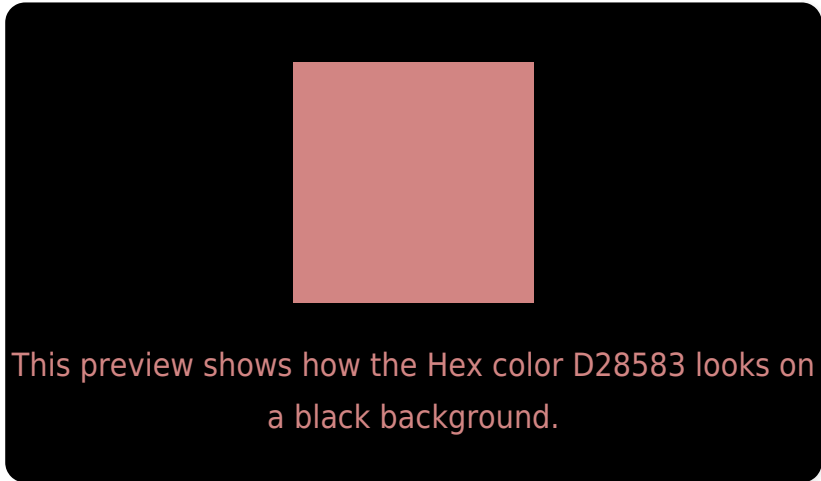
Large Text (above 18pt) WCAG AA × Fail

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 D28583 Background



This preview shows how black text looks on a background with the Hex color D28583.

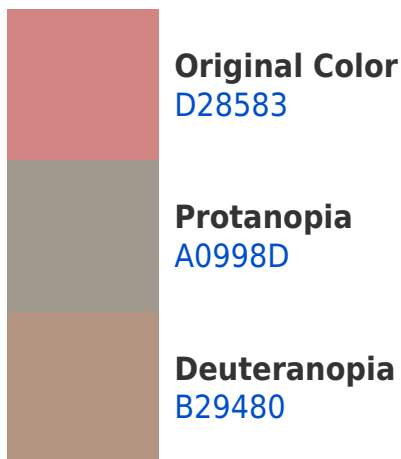



This preview shows how white text looks on a background with the Hex color D28583.

# 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](#).

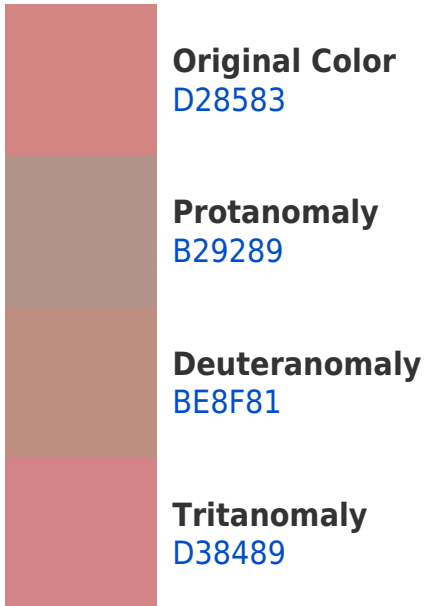
## Dichromacy



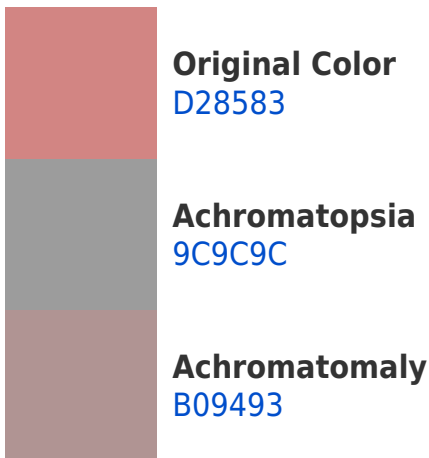


**Tritanopia**  
D3838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D28583 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 #D28583 looks like.

```
.text, #text, p{  
    color:#D28583  
}
```

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 #D28583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28583
}
```

## Border

The CSS property to change the border of an element to Hex D28583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

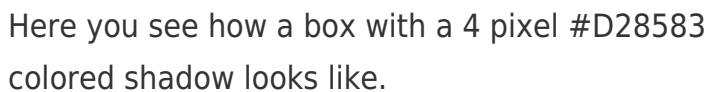
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D28583 }
```

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

```
.border{ border-color:#D28583 }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D28583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28583; -webkit-box-shadow:4px 4px  
4px 4px #D28583; box-shadow:4px 4px 4px  
4px #D28583 }
```

# Background

The CSS property to change the background color of an element to Hex D28583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28583 }
```

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

```
.background{ background-color:#D28583 }
```

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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