

# Converting Colors

Hex(C28583)

Have a look what the booklet for  
Hex(C28583) contains.

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# **Color**

**Hex(C28583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C28583
RGB	194, 133, 131
RGB Percent	76%, 52%, 51%
CMY	0.2392, 0.4784, 0.4863
CMYK	0.00, 0.31, 0.32, 0.24
HSL	2°, 34%, 64%
HSV	2°, 32%, 76%
XYZ	34.7324, 29.8831, 25.4101
YIQ	151.0110, 36.9980, 12.3100

# Conversions

## Conversions Part 2

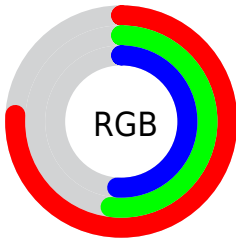
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 133, 131
Decimal	12748163
CIELab	61.55, 23.19, 10.58
CIELCh	62, 25.485, 24.524
Yxy	29.8831, 0.3858, 0.3319
Android (android.graphics.Color)	4290938243 (0xFFC28583)
YUV	151.0110, -9.8654, 37.7014
Hunter-Lab	54.6654, 17.7478, 10.7060

# Details

The Hex color **C28583** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83C0C2**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FCBBB8**, and **8B5352** is the 20% darker color. If you saturate the color by 10%, you get **C27270**, and if you desaturate by 10%, it is **C29896**.

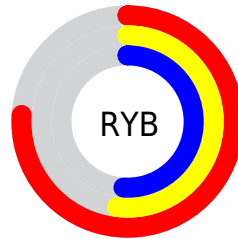
# Distribution



Red (76%)

Green (52%)

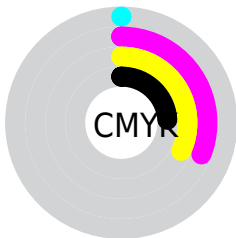
Blue (51%)



Red (76%)

Yellow (52%)

Blue (51%)

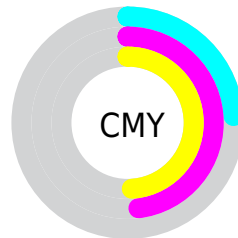


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (24%)



Cyan (24%)

Magenta (48%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C28583 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 C28583 by changing the saturation by 10% instead.



 C28583

 C28583

FFFFFF

 A66B6A

 FCBBB8

 8B5352

 FFD6D4

 703B3B

 FFF3F0

 562425

 3D0E10

 280000

 000000

 C28583

 C28583

 C27270

 C29896

 C25F5C

 C2ABAA

 C24D49

 C2BDBD

 C23A35

 C2D0D1

 C22722

 C2E3E4

 C2140F

 C2F6F7

 C20600

 C2FFFF

# Harmonies

## Analogous

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



BE849A



C28583



BA8A71

# Triad

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



C28583



779E7A



7298C1

# Complementary

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



C28583



83C0C2

# 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.



569EB9



C28583



5FA190

# Square

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



C28583



91996B



4FA1A7



9290BE

# Rectangle

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



C28583



AF8F6A



4FA1A7



679AC0

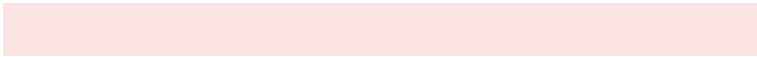


# Sweetspot

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



C28583



FCE4E3



C283C1



807170



000000



808080



# Same Dimension

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



C28583



FC9D9A



C2A483



615857



A10500



210100



# Inverse Universe

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



83C0C2



9AF9FC



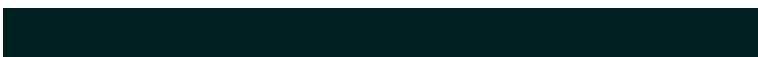
83A1C2



576161



009CA1

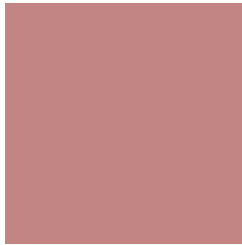


002021



# Previews

## White Background



This preview shows how the Hex color C28583 looks on a white background.

## Color Contrast Check

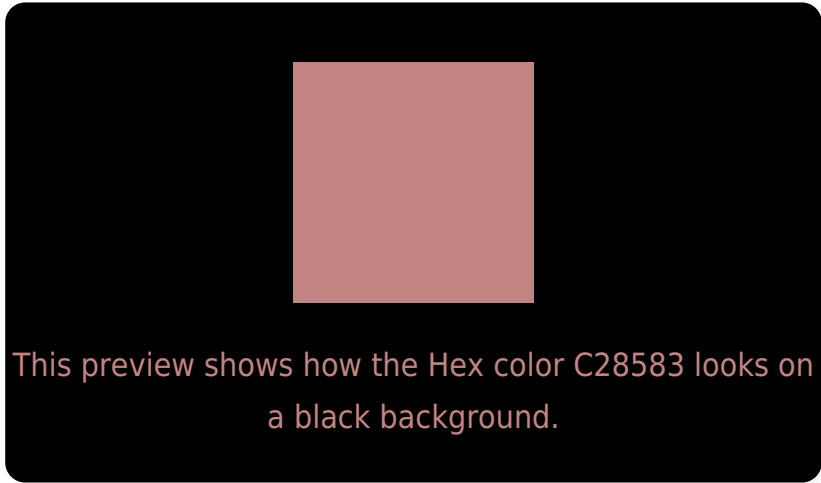
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex C28583 Background



This preview shows how black text looks on a background with the Hex color C28583.



This preview shows how white text looks on a background with the Hex color C28583.

# 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**  
C28583

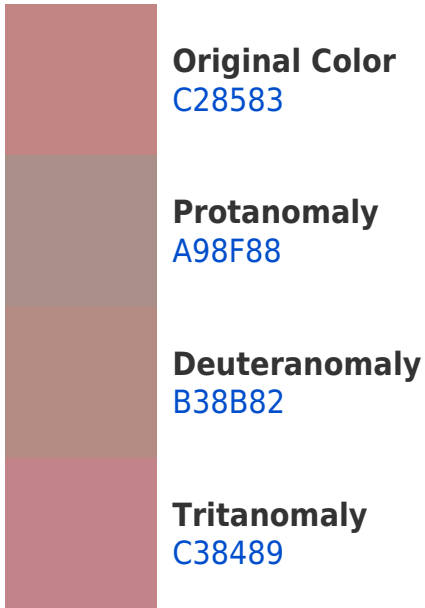
**Protanopia**  
9A948B

**Deuteranopia**  
AB8F81

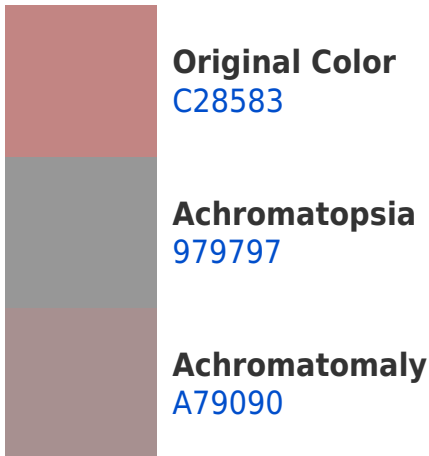


**Tritanopia**  
C3838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C28583 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 #C28583 looks like.

```
.text, #text, p{  
    color:#C28583  
}
```

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 #C28583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28583
}
```

## Border

The CSS property to change the border of an element to Hex C28583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

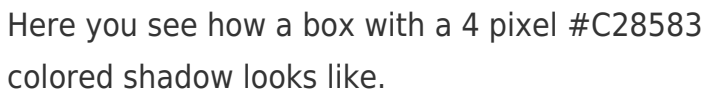
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C28583 }
```

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

```
.border{ border-color:#C28583 }
```

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



Here you see how a box with a 4 pixel #C28583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28583; -webkit-box-shadow:4px 4px  
4px 4px #C28583; box-shadow:4px 4px 4px  
4px #C28583 }
```

# Background

The CSS property to change the background color of an element to Hex C28583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28583 }
```

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

```
.background{ background-color:#C28583 }
```

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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