

Converting Colors

Hex(D89B83)

Have a look what the booklet for
Hex(D89B83) contains.

Hex(D89B83)	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(D89B83)

Conversions

Conversions Part 1

Format	Color
Hex	D89B83
RGB	216, 155, 131
RGB Percent	85%, 61%, 51%
CMY	0.1529, 0.3922, 0.4863
CMYK	0.00, 0.28, 0.39, 0.15
HSL	17°, 52%, 68%
HSV	17°, 39%, 85%
XYZ	44.1370, 39.6803, 26.8055
YIQ	170.5030, 44.0600, 5.4680

Conversions

Conversions Part 2

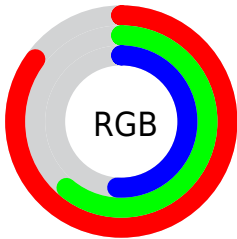
Format	Color
R _Y B	216, 164, 131
Decimal	14195587
CIE Lab	69.24, 19.77, 21.62
CIE LCh	69, 29.297, 47.556
Yxy	39.6803, 0.3990, 0.3587
Android (android.graphics.Color)	4292385667 (0xFFD89B83)
YUV	170.5030, -19.4750, 39.9009
Hunter-Lab	62.9923, 14.8335, 18.8646

Details

The Hex color **D89B83** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83C0D8**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD2B8**, and **9F6851** is the 20% darker color. If you saturate the color by 10%, you get **D88B6D**, and if you desaturate by 10%, it is **D8AB99**.

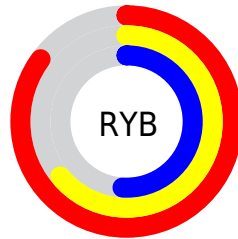
Distribution



Red (85%)

Green (61%)

Blue (51%)



Red (85%)

Yellow (64%)

Blue (51%)

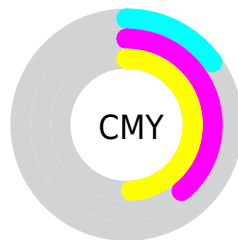


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (15%)



Cyan (15%)

Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color D89B83 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 D89B83 by changing the saturation by 10% instead.

 D89B83

 D89B83

FFFFFF

 BB816A

 FFD2B8

 9F6851

 FFEED4

 844F3A

 FFFFF0

 693824

 4F220F

 360C00

 1E0001

 000000

 D89B83

 D89B83

 D88B6D

 D8AB99

 D87C58

 D8BAAE

 D86C42

 D8CAC4

 D85D2D

 D8D9D9

 D84D17

 D8E9EF

 D83E01

 D8F8FF

 D83D00

 D8FFFF

Harmonies

Analogous

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



DE969A



D89B83



C6A476

Triad

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



D89B83



6FB79D



9DA6DB

Complementary

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



D89B83



83C0D8

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.



77AFDC



D89B83



58B8B8

Square

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



D89B83



8EB384



59B5CF



C09DCD

Rectangle

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



D89B83



B5AA74



59B5CF



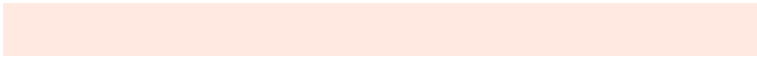
91A9DD

Sweetspot

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



D89B83



FFE9E0



D883C1



80736E



000000



808080

Same Dimension

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



D89B83



FFA987



D8C483



6B6360



AB3000



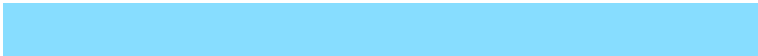
2B0C00

Inverse Universe

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



83C0D8



87DDFF



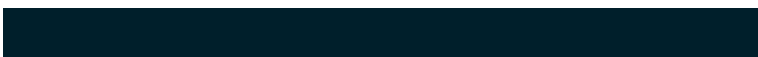
8397D8



60686B



007BAB



001F2B

Previews

White Background



This preview shows how the Hex color D89B83 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 D89B83 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

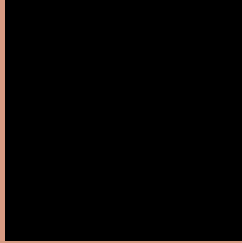
Any Text WCAG AA ✓ Pass

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 D89B83 Background



This preview shows how black text looks on a background with the Hex color D89B83.

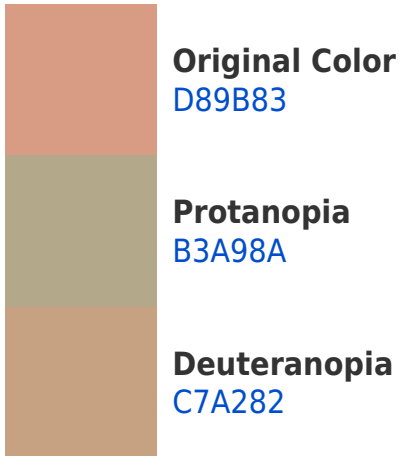


This preview shows how white text looks on a background with the Hex color D89B83.

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](#).

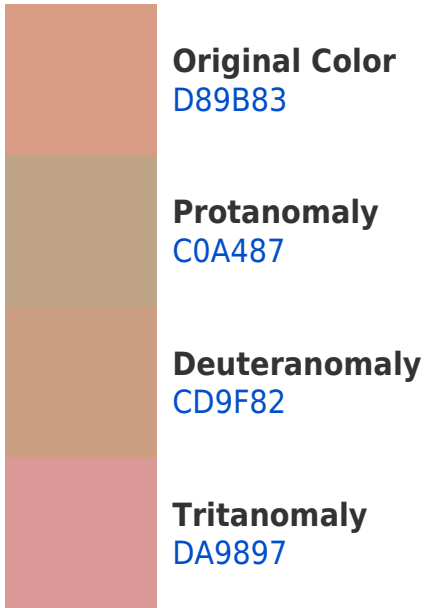
Dichromacy



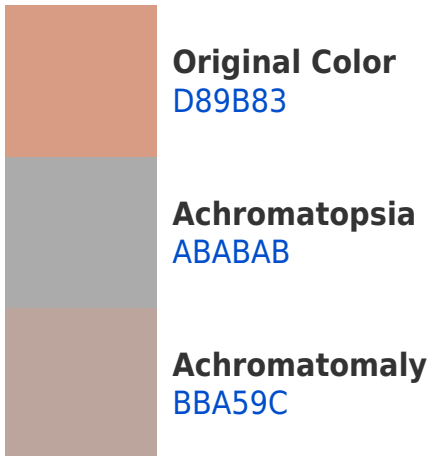


Tritanopia
DB97A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D89B83 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 #D89B83 looks like.

```
.text, #text, p{  
    color:#D89B83  
}
```

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 #D89B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D89B83
}
```

Border

The CSS property to change the border of an element to Hex D89B83 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
#D89B83 }
```

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

```
.border{ border-color:#D89B83 }
```

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

Here you see how a box with a 4 pixel #D89B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D89B83; -webkit-box-shadow:4px 4px  
4px 4px #D89B83; box-shadow:4px 4px 4px  
4px #D89B83 }
```

Background

The CSS property to change the background color of an element to Hex D89B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D89B83 }
```

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

```
.background{ background-color:#D89B83 }
```

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