

Converting Colors

Hex(2C9B83)

Have a look what the booklet for
Hex(2C9B83) contains.

Hex(2C9B83)	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(2C9B83)

Conversions

Conversions Part 1

Format	Color
Hex	2C9B83
RGB	44, 155, 131
RGB Percent	17%, 61%, 51%
CMY	0.8275, 0.3922, 0.4863
CMYK	0.72, 0.00, 0.15, 0.39
HSL	167°, 56%, 39%
HSV	167°, 72%, 61%
XYZ	16.8568, 25.6169, 25.5288
YIQ	119.0750, -58.4520, -30.9960

Conversions

Conversions Part 2

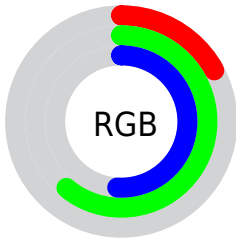
Format	Color
RYB	44, 106, 155
Decimal	2923395
CIELab	57.67, -36.63, 3.69
CIElCh	58, 36.816, 174.241
Yxy	25.6169, 0.2479, 0.3767
Android (android.graphics.Color)	4281113475 (0xFF2C9B83)
YUV	119.0750, 5.8790, -65.8408
Hunter-Lab	50.6131, -29.1232, 5.5238

Details

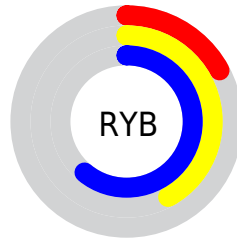
The Hex color **2C9B83** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B2C44**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6AD2B8**, and **006752** is the 20% darker color. If you saturate the color by 10%, you get **1D9B80**, and if you desaturate by 10%, it is **3C9B86**.

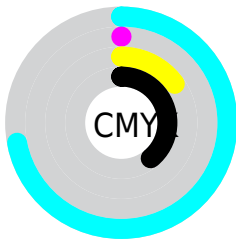
Distribution



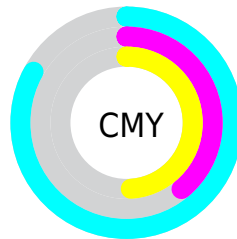
- Red (17%)
- Green (61%)
- Blue (51%)



- Red (17%)
- Yellow (42%)
- Blue (61%)



- Cyan (72%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)



- Cyan (83%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C9B83 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 2C9B83 by changing the saturation by 10% instead.



2C9B83



2C9B83

FFFFFF



00816A



6AD2B8



006752



86EFD4



004E3B



A3FFF0



003625



C0FFFF



002210



DDFFFF



000000



FBFFFF



2C9B83



2C9B83



1D9B80



3C9B86

0D9B7C

4B9B8A

009B79

5B9B8D

6A9B90

7A9B94

899B97

999B9A

A89B9E

B79BA1

Harmonies

Analogous

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



5E9864



2C9B83



009BA4

Triad

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



2C9B83



8485C5



BC7B57

Complementary

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



2C9B83



9B2C44

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.



C87272



2C9B83



AD79B1

Square

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



2C9B83



4B90CA



C47192



A4874A

Rectangle

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



2C9B83



0099B6



C47192



C2785F

Sweetspot

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



2C9B83



9FC9C0



449B2C



4D6660



E6E6E6



666666

Same Dimension

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



2C9B83



1CC9A4



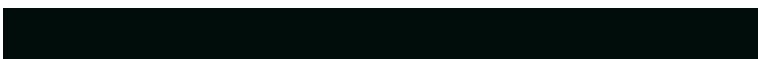
2C7C9B



454D4B



008C6E



000D0A

Inverse Universe

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



9B2C44



C91C42



9B4B2C



4D4547



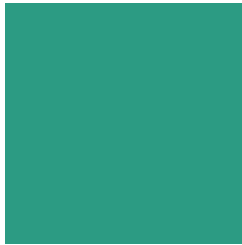
8C001E



0D0003

Previews

White Background



This preview shows how the Hex color 2C9B83 looks on a white background.

Color Contrast Check

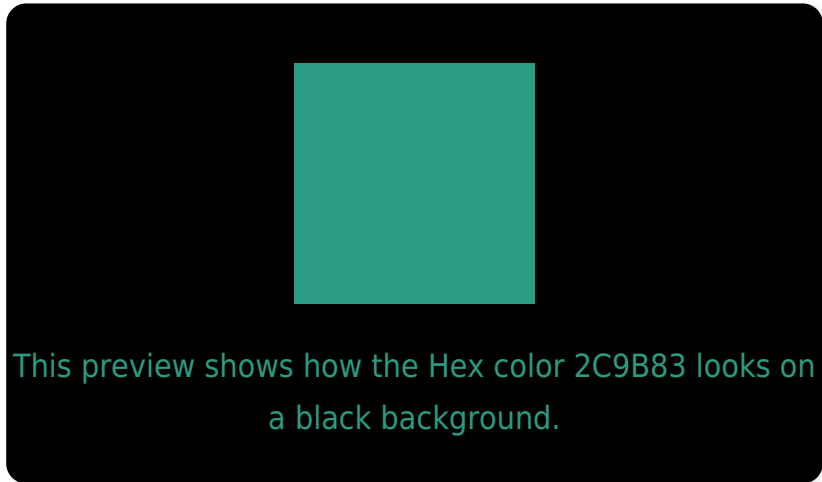
Large Text (above 18pt) WCAG AA ✓ Pass

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

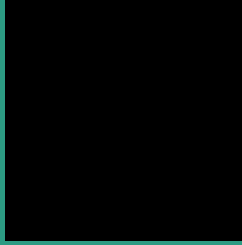
Any Text WCAG AA ✓ Pass

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 2C9B83 Background



This preview shows how black text looks on a background with the Hex color 2C9B83.

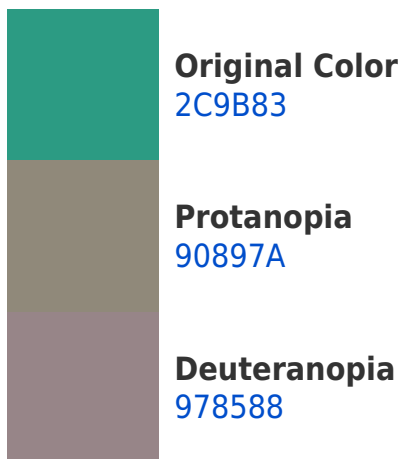


This preview shows how white text looks on a background with the Hex color 2C9B83.

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
3C97A3

Trichromacy



Original Color
2C9B83



Protanomaly
6C907D



Deuteranomaly
708D86



Tritanomaly
369897

Monochromacy



Original Color
2C9B83



Achromatopsia
777777



Achromatomaly
5C847B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C9B83 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 #2C9B83 looks like.

```
.text, #text, p{  
    color:#2C9B83  
}
```

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 #2C9B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C9B83
}
```

Border

The CSS property to change the border of an element to Hex 2C9B83 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
#2C9B83 }
```

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

```
.border{ border-color:#2C9B83 }
```

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

Here you see how a box with a 4 pixel #2C9B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C9B83; -webkit-box-shadow:4px 4px  
4px 4px #2C9B83; box-shadow:4px 4px 4px  
4px #2C9B83 }
```

Background

The CSS property to change the background color of an element to Hex 2C9B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C9B83 }
```

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

```
.background{ background-color:#2C9B83 }
```

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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