

Converting Colors

Hex(2C8A87)

Have a look what the booklet for
Hex(2C8A87) contains.

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Color

Hex(2C8A87)

Conversions

Conversions Part 1

Format	Color
Hex	2C8A87
RGB	44, 138, 135
RGB Percent	17%, 54%, 53%
CMY	0.8275, 0.4588, 0.4706
CMYK	0.68, 0.00, 0.02, 0.46
HSL	178°, 52%, 36%
HSV	178°, 68%, 54%
XYZ	14.5004, 20.4617, 26.1069
YIQ	109.5520, -55.0610, -20.8610

Conversions

Conversions Part 2

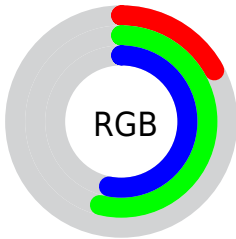
Format	Color
R_{YB}	44, 92, 138
Decimal	2919047
CIE _{Lab}	52.36, -27.47, -6.40
CIE _{LCh}	52, 28.202, 193.108
Yxy	20.4617, 0.2374, 0.3351
Android (android.graphics.Color)	4281109127 (0xFF2C8A87)
YUV	109.5520, 12.5459, -57.4891
Hunter-Lab	45.2346, -21.9408, -2.5547

Details

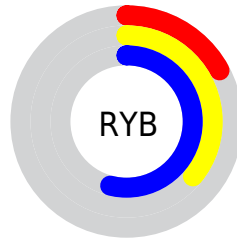
The Hex color **2C8A87** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A2C2F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **67C0BC**, and **005755** is the 20% darker color. If you saturate the color by 10%, you get **1E8A87**, and if you desaturate by 10%, it is **3A8A87**.

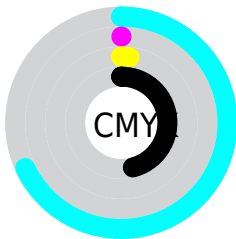
Distribution



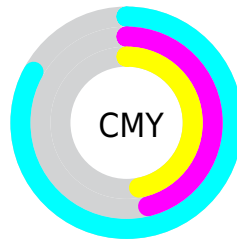
- Red (17%)
- Green (54%)
- Blue (53%)



- Red (17%)
- Yellow (36%)
- Blue (54%)



- Cyan (68%)
- Magenta (0%)
- Yellow (2%)
- Black (46%)



- Cyan (83%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C8A87 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 2C8A87 by changing the saturation by 10% instead.

 2C8A87

 2C8A87

FFFFFF

 00706E

 67C0BC

 005755

 84DCD8

 00403E

 A0F9F4

 002928

 BCFFFF

 001014

 DAFFFF

 000000

 F7FFFF

 2C8A87

 2C8A87

 1E8A87

 3A8A87

■ 108A86

■ 488A88

■ 038A86

■ 558A88

■ 008A86

■ 638A89

■ 718A89

■ 7F8A8A

■ 8D8A8A

■ 9A8A8B

■ A88A8B

Harmonies

Analogous

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



4A896E



2C8A87



24889D

Triad

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



2C8A87



8D73A0



99774F

Complementary

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



2C8A87



8A2C2F

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.



A86F5D



2C8A87



A46C8C

Square

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



2C8A87



6C7CAC



AC6A73



837F4D

Rectangle

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



2C8A87



3785A7



AC6A73



9F7452

Sweetspot

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



2C8A87



8FB3B1



2F8A2C



445959



D9D9D9



595959

Same Dimension

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



2C8A87



20B3AE



2C5E8A



3E4545



008580



000505

Inverse Universe

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



8A2C2F



B32025



8A582C



453E3E



850004



050000

Previews

White Background



This preview shows how the Hex color 2C8A87 looks on a white background.

Color Contrast Check

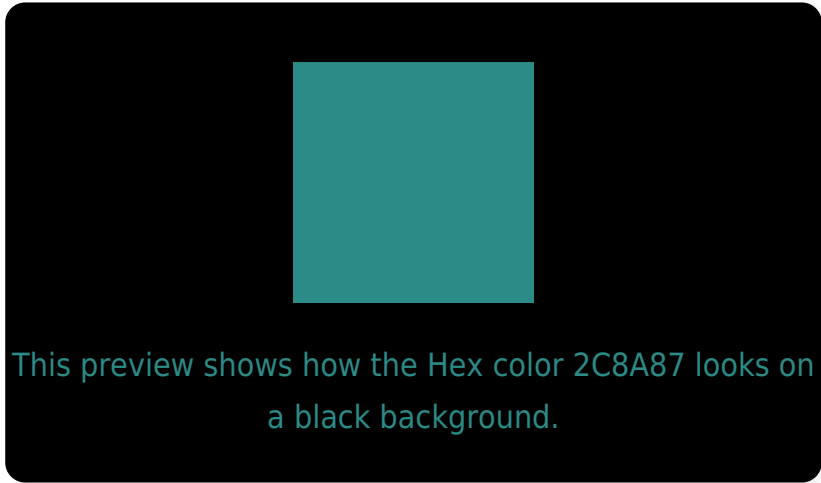
Large Text (above 18pt) WCAG AA ✓ Pass

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

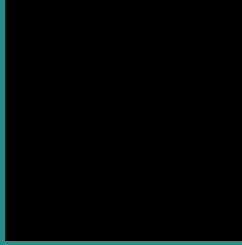
Any Text WCAG AA ✓ Pass

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 2C8A87 Background



This preview shows how black text looks on a background with the Hex color 2C8A87.

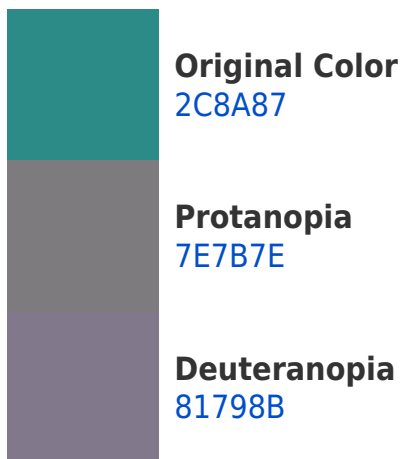


This preview shows how white text looks on a background with the Hex color 2C8A87.

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
338893

Trichromacy



Original Color
2C8A87

Protanomaly
608081

Deuteranomaly
627F8A

Tritanomaly
30898F

Monochromacy



Original Color
2C8A87

Achromatopsia
6E6E6E

Achromatomaly
567877

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C8A87 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 #2C8A87 looks like.

```
.text, #text, p{  
    color:#2C8A87  
}
```

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 #2C8A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8A87
}
```

Border

The CSS property to change the border of an element to Hex 2C8A87 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
#2C8A87 }
```

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

```
.border{ border-color:#2C8A87 }
```

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

Here you see how a box with a 4 pixel #2C8A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8A87; -webkit-box-shadow:4px 4px  
4px 4px #2C8A87; box-shadow:4px 4px 4px  
4px #2C8A87 }
```

Background

The CSS property to change the background color of an element to Hex 2C8A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8A87 }
```

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

```
.background{ background-color:#2C8A87 }
```

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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