

Converting Colors

Hex(2CAC8A)

Have a look what the booklet for
Hex(2CAC8A) contains.

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Color

Hex(2CAC8A)

Conversions

Conversions Part 1

Format	Color
Hex	2CAC8A
RGB	44, 172, 138
RGB Percent	17%, 67%, 54%
CMY	0.8275, 0.3255, 0.4588
CMYK	0.74, 0.00, 0.20, 0.33
HSL	164°, 59%, 42%
HSV	164°, 74%, 67%
XYZ	20.3787, 31.8755, 29.1233
YIQ	129.8520, -65.3740, -37.7100

Conversions

Conversions Part 2

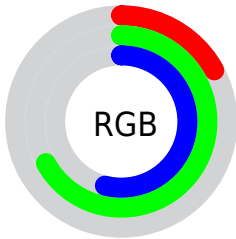
Format	Color
RYB	44, 118, 172
Decimal	2927754
CIELab	63.24, -42.29, 7.76
CIElCh	63, 42.997, 169.604
Yxy	31.8755, 0.2504, 0.3917
Android (android.graphics.Color)	4281117834 (0xFF2CAC8A)
YUV	129.8520, 4.0170, -75.2922
Hunter-Lab	56.4584, -34.3725, 8.9370

Details

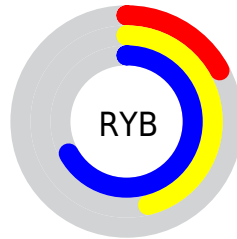
The Hex color **2CAC8A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC2C4E**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6DE4BF**, and **007758** is the 20% darker color. If you saturate the color by 10%, you get **1BAC85**, and if you desaturate by 10%, it is **3DAC8F**.

Distribution



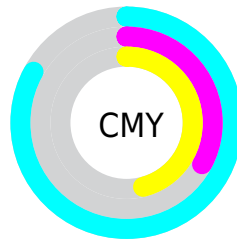
- Red (17%)
- Green (67%)
- Blue (54%)



- Red (17%)
- Yellow (46%)
- Blue (67%)



- Cyan (74%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)



- Cyan (83%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CAC8A 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 2CAC8A by changing the saturation by 10% instead.

 2CAC8A

 2CAC8A

FFFFFF

 009171

 6DE4BF

 007758

 8BFFDB

 005D41

 A8FFF8

 00452B

 C5FFFF

 002E16

 E3FFFF

 001300

 000000

 2CAC8A

 2CAC8A

 1BAC85

 3DAC8F

0AAC81

4EAC93

00AC7E

60AC98

71AC9C

82ACA1

93ACA5

A4ACAA

B6ACAF

C7ACB3

Harmonies

Analogous

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



6BA766



2CAC8A



00ADB1

Triad

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



2CAC8A



8894E1



D78560

Complementary

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



2CAC8A



AC2C4E

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.



E27B81



2CAC8A



BC86CB

Square

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



2CAC8A



37A1E4



DA7BA8



BC924D

Rectangle

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



2CAC8A



00ABC9



DA7BA8



DC816A

Sweetspot

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



2CAC8A



AFE0D3



4EAC2C



537068



F0F0F0



707070

Same Dimension

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



2CAC8A



19E0AB



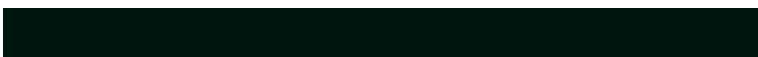
2C8EAC



4E5754



00966E



001711

Inverse Universe

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



AC2C4E



E0194E



AC4A2C



574E50



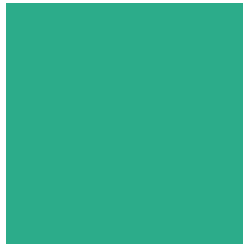
960028



170006

Previews

White Background



This preview shows how the Hex color 2CAC8A looks on a white background.

Color Contrast Check

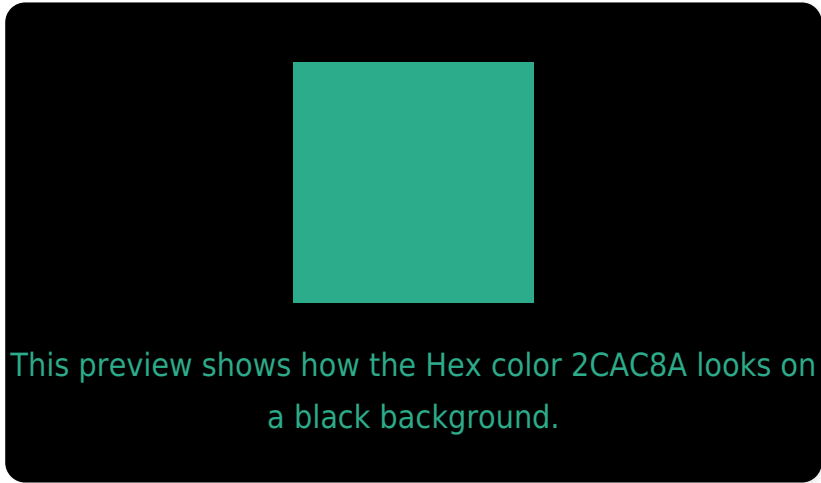
Large Text (above 18pt) WCAG AA × Fail

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

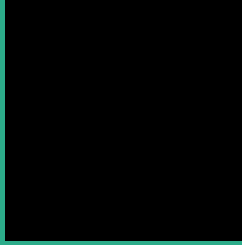
Any Text WCAG AA ✓ Pass

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 2CAC8A Background



This preview shows how black text looks on a background with the Hex color 2CAC8A.

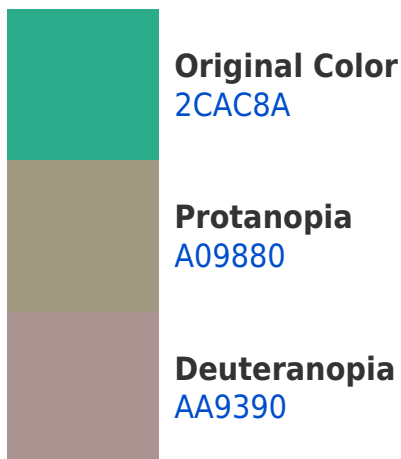


This preview shows how white text looks on a background with the Hex color 2CAC8A.

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](#).

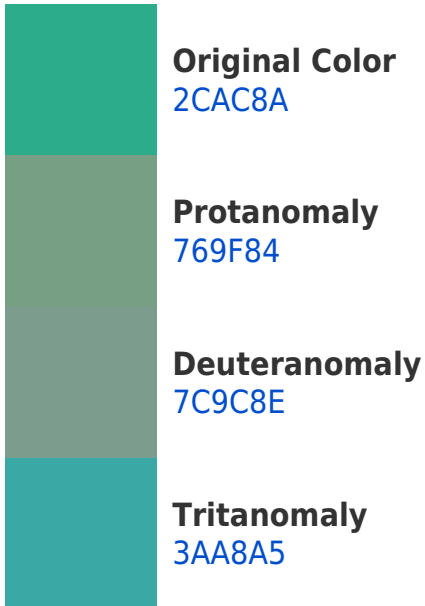
Dichromacy





Tritanopia
42A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CAC8A 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 #2CAC8A looks like.

```
.text, #text, p{  
    color:#2CAC8A  
}
```

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 #2CAC8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CAC8A
}
```

Border

The CSS property to change the border of an element to Hex 2CAC8A 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
#2CAC8A }
```

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

```
.border{ border-color:#2CAC8A }
```

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

Here you see how a box with a 4 pixel #2CAC8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CAC8A; -webkit-box-shadow:4px 4px  
4px 4px #2CAC8A; box-shadow:4px 4px 4px  
4px #2CAC8A }
```

Background

The CSS property to change the background color of an element to Hex 2CAC8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CAC8A }
```

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

```
.background{ background-color:#2CAC8A }
```

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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