

# Converting Colors

Hex(2C9C9A)

Have a look what the booklet for  
Hex(2C9C9A) contains.

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# Color

Hex(2C9C9A)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C9C9A
RGB	44, 156, 154
RGB Percent	17%, 61%, 60%
CMY	0.8275, 0.3882, 0.3961
CMYK	0.72, 0.00, 0.01, 0.39
HSL	179°, 56%, 39%
HSV	179°, 72%, 61%
XYZ	18.7599, 26.6455, 34.7262
YIQ	122.2840, -66.1100, -24.3660

# Conversions

## Conversions Part 2

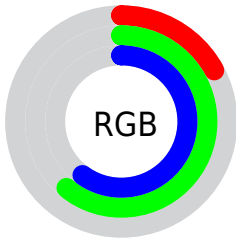
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 101, 156
Decimal	2923674
CIE <sub>Lab</sub>	58.64, -30.63, -7.95
CIE <sub>LCh</sub>	59, 31.642, 194.547
Yxy	26.6455, 0.2341, 0.3325
Android (android.graphics.Color)	4281113754 (0xFF2C9C9A)
YUV	122.2840, 15.6360, -68.6551
Hunter-Lab	51.6193, -25.4618, -3.7531

# Details

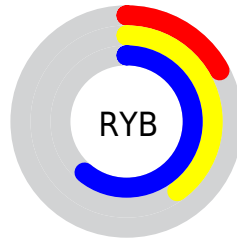
The Hex color **2C9C9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C2C2E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6CD3D0**, and **006867** is the 20% darker color. If you saturate the color by 10%, you get **1C9C9A**, and if you desaturate by 10%, it is **3C9C9A**.

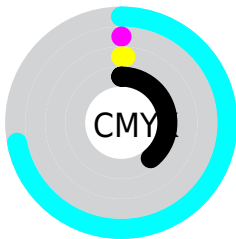
# Distribution



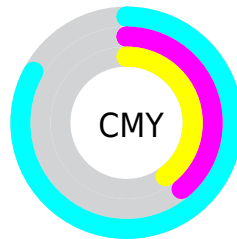
- Red (17%)
- Green (61%)
- Blue (60%)



- Red (17%)
- Yellow (40%)
- Blue (61%)



- Cyan (72%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (83%)
- Magenta (39%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C9C9A 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 2C9C9A by changing the saturation by 10% instead.





2C9C9A



2C9C9A

FFFFFF



008280



6CD3D0



006867



89F0ED



004F4F



A6FFFF



003838



C3FFFF



002323



E1FFFF



00010D



000000



2C9C9A



2C9C9A



1C9C9A



3C9C9A

■ 0D9C99

■ 4B9C9B

■ 009C99

■ 5B9C9B

■ 6A9C9B

■ 7A9C9B

■ 8A9C9C

■ 999C9C

■ A99C9C

■ B89C9D

# Harmonies

## Analogous

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



509B7D



2C9C9A



239AB3

# Triad

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



2C9C9A



A181B5



AC8658

# Complementary

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



2C9C9A



9C2C2E

# 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.



BE7D67



2C9C9A



BA799D

# Square

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



2C9C9A



7B8BC3



C47880



929057

# Rectangle

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



2C9C9A



3E96BE



C47880



B3835C



# Sweetspot

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



2C9C9A



9FCCCB



309C2C



4B6666



E6E6E6



666666



# Same Dimension

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



2C9C9A



1DCCC9



2C689C



474F4F



008F8C



000F0F



# Inverse Universe

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



9C2C2E



CC1D20



9C602C



4F4747



8F0003

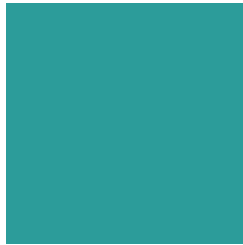


0F0000



# Previews

## White Background



This preview shows how the Hex color 2C9C9A looks on a white background.

## Color Contrast Check

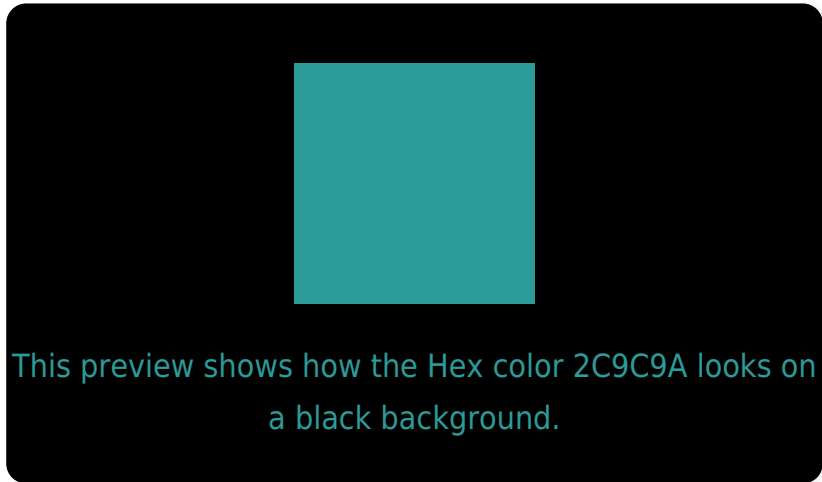
Large Text (above 18pt) WCAG AA ✓ Pass

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

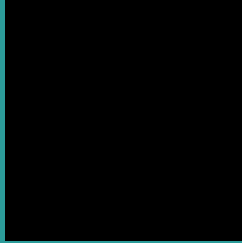
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2C9C9A Background



This preview shows how black text looks on a background with the Hex color 2C9C9A.

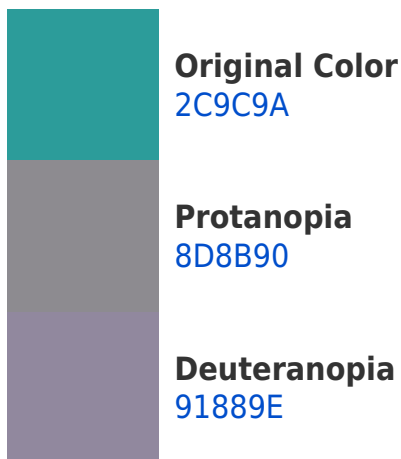


This preview shows how white text looks on a background with the Hex color 2C9C9A.

# 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**  
349AA7

# Trichromacy



**Original Color**  
2C9C9A



**Protanomaly**  
6A9194



**Deuteranomaly**  
6C8F9D



**Tritanomaly**  
319BA2

# Monochromacy



**Original Color**  
2C9C9A



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
5E8686

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C9C9A 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 #2C9C9A looks like.

```
.text, #text, p{  
    color:#2C9C9A  
}
```

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 #2C9C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C9C9A
}
```

## Border

The CSS property to change the border of an element to Hex 2C9C9A 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
#2C9C9A }
```

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

```
.border{ border-color:#2C9C9A }
```

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

Here you see how a box with a 4 pixel #2C9C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C9C9A; -webkit-box-shadow:4px 4px  
4px 4px #2C9C9A; box-shadow:4px 4px 4px  
4px #2C9C9A }
```

# Background

The CSS property to change the background color of an element to Hex 2C9C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C9C9A }
```

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

```
.background{ background-color:#2C9C9A }
```

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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