

# Converting Colors

Hex(2CA39A)

Have a look what the booklet for  
Hex(2CA39A) contains.

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# Color

**Hex(2CA39A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CA39A
RGB	44, 163, 154
RGB Percent	17%, 64%, 60%
CMY	0.8275, 0.3608, 0.3961
CMYK	0.73, 0.00, 0.06, 0.36
HSL	175°, 57%, 41%
HSV	175°, 73%, 64%
XYZ	19.9686, 29.0630, 35.1291
YIQ	126.3930, -68.0350, -28.0270

# Conversions

## Conversions Part 2

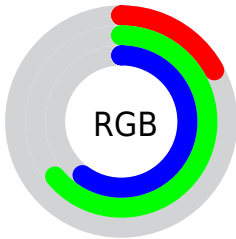
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 106, 163
Decimal	2925466
CIE <sub>Lab</sub>	60.84, -33.96, -4.69
CIE <sub>LCh</sub>	61, 34.278, 187.871
Yxy	29.0630, 0.2373, 0.3453
Android (android.graphics.Color)	4281115546 (0xFF2CA39A)
YUV	126.3930, 13.6103, -72.2587
Hunter-Lab	53.9101, -28.2251, -0.8978

# Details

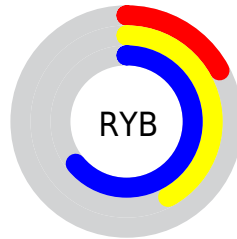
The Hex color **2CA39A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A32C35**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6DDAD0**, and **006F67** is the 20% darker color. If you saturate the color by 10%, you get **1CA399**, and if you desaturate by 10%, it is **3CA39B**.

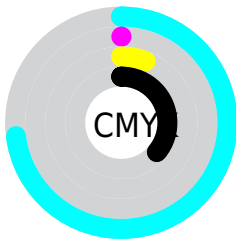
# Distribution



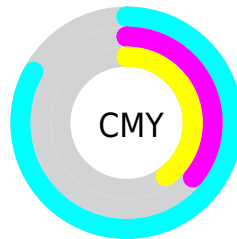
- Red (17%)
- Green (64%)
- Blue (60%)



- Red (17%)
- Yellow (42%)
- Blue (64%)



- Cyan (73%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (83%)
- Magenta (36%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CA39A 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 2CA39A by changing the saturation by 10% instead.



 2CA39A

 2CA39A

FFFFFF

 008880

 6DDAD0

 006F67

 8AF7ED

 00564F

 A7FFFF

 003E38

 C5FFFF

 002823

 E2FFFF

 00060E

 000000

 2CA39A

 2CA39A

 1CA399

 3CA39B

0BA398

4DA39C

00A397

5DA39E

6DA39F

7EA3A0

8EA3A1

9EA3A3

AEA3A4

BFA3A5

# Harmonies

## Analogous

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



59A17B



2CA39A



03A1B7

# Triad

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



2CA39A



A188C3



B9895B

# Complementary

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



2CA39A



A32C35

# 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.



CA806F



2CA39A



BF7EAA

# Square

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



2CA39A



7493CE



CD7B8C



9F9456

# Rectangle

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



2CA39A



2A9EC5



CD7B8C



C08660



# Sweetspot

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



2CA39A



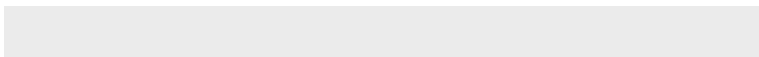
A5D4D0



36A32C



4F6B69



EBEBEB



6B6B6B



# Same Dimension

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



2CA39A



19D4C6



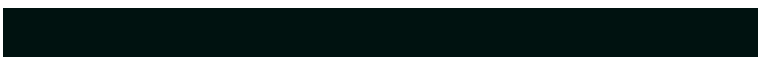
2C71A3



495251



009186



001210



# Inverse Universe

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



A32C35



D41927



A35E2C



52494A



91000B

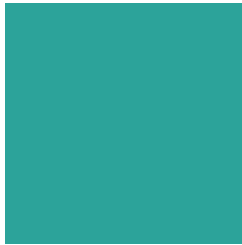


120001



# Previews

## White Background



This preview shows how the Hex color 2CA39A 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



This preview shows how the Hex color 2CA39A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

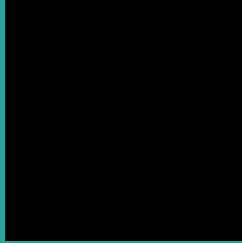
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2CA39A Background



This preview shows how black text looks on a background with the Hex color 2CA39A.

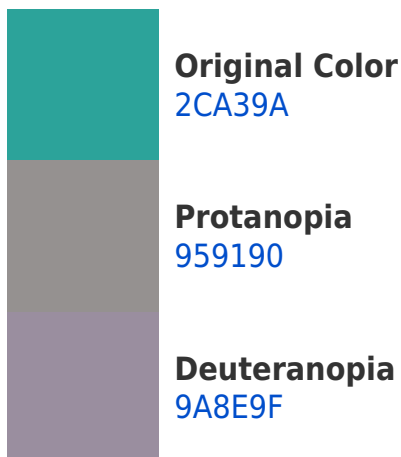


This preview shows how white text looks on a background with the Hex color 2CA39A.

# 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**  
38A0AD

# Trichromacy



**Original Color**  
2CA39A



**Protanomaly**  
6F9894



**Deuteranomaly**  
72969D



**Tritanomaly**  
34A1A6

# Monochromacy



**Original Color**  
2CA39A



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
608B88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CA39A 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 #2CA39A looks like.

```
.text, #text, p{  
    color:#2CA39A  
}
```

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 #2CA39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CA39A
}
```

## Border

The CSS property to change the border of an element to Hex 2CA39A 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
#2CA39A }
```

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

```
.border{ border-color:#2CA39A }
```

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

Here you see how a box with a 4 pixel #2CA39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CA39A; -webkit-box-shadow:4px 4px  
4px 4px #2CA39A; box-shadow:4px 4px 4px  
4px #2CA39A }
```

# Background

The CSS property to change the background color of an element to Hex 2CA39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CA39A }
```

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

```
.background{ background-color:#2CA39A }
```

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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