

Converting Colors

Hex(3CA39B)

Have a look what the booklet for
Hex(3CA39B) contains.

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Color

Hex(3CA39B)

Conversions

Conversions Part 1

Format	Color
Hex	3CA39B
RGB	60, 163, 155
RGB Percent	24%, 64%, 61%
CMY	0.7647, 0.3608, 0.3922
CMYK	0.63, 0.00, 0.05, 0.36
HSL	175°, 46%, 44%
HSV	175°, 63%, 64%
XYZ	20.8771, 29.5216, 35.6082
YIQ	131.2910, -58.8200, -24.3240

Conversions

Conversions Part 2

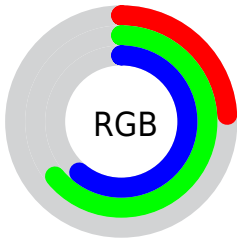
Format	Color
RYB	60, 114, 163
Decimal	3974043
CIELab	61.24, -31.25, -4.62
CIELCh	61, 31.587, 188.414
Yxy	29.5216, 0.2427, 0.3432
Android (android.graphics.Color)	4282164123 (0xFF3CA39B)
YUV	131.2910, 11.6885, -62.5222
Hunter-Lab	54.3338, -26.4978, -0.8227

Details

The Hex color **3CA39B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A33C44**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **77DAD1**, and **006F68** is the 20% darker color. If you saturate the color by 10%, you get **2CA39A**, and if you desaturate by 10%, it is **4CA39C**.

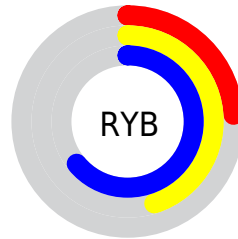
Distribution



Red (24%)

Green (64%)

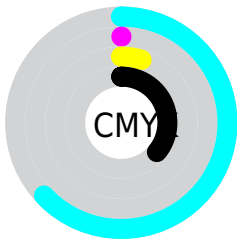
Blue (61%)



Red (24%)

Yellow (45%)

Blue (64%)

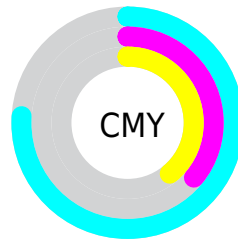


Cyan (63%)

Magenta (0%)

Yellow (5%)

Black (36%)



Cyan (76%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CA39B 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 3CA39B by changing the saturation by 10% instead.



3CA39B



3CA39B

FFFFFF



158881



77DAD1



006F68



94F7EE



005650



B1FFFF



003E39



CEFFFF



002824



ECFFFF



00090F



000000



3CA39B



3CA39B



2CA39A



4CA39C

■ 1BA398

■ 5DA39E

■ 0BA397

■ 6DA39F

■ 00A396

■ 7DA3A0

■ 8DA3A1

■ 9EA3A3

■ AEA3A4

■ BEA3A5

■ CFA3A6

Harmonies

Analogous

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



5FA17E



3CA39B



2CA1B6

Triad

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



3CA39B



A18AC0



B88B60

Complementary

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



3CA39B



A33C44

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.



C88272



3CA39B



BE81A9

Square

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



3CA39B



7994CB



CA7E8D



9F955C

Rectangle

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



3CA39B



3E9EC3



CA7E8D



BE8865

Sweetspot

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



3CA39B



ABD4D1



45A33C



526B69



EBEBEB



6B6B6B

Same Dimension

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



3CA39B



33D4C7



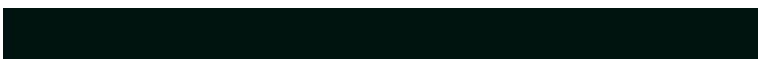
3C78A3



495251



009186



001210

Inverse Universe

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



A33C44



D4333F



A3673C



52494A



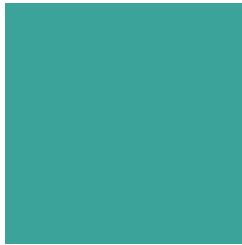
91000B



120001

Previews

White Background



This preview shows how the Hex color 3CA39B looks on a white background.

Color Contrast Check

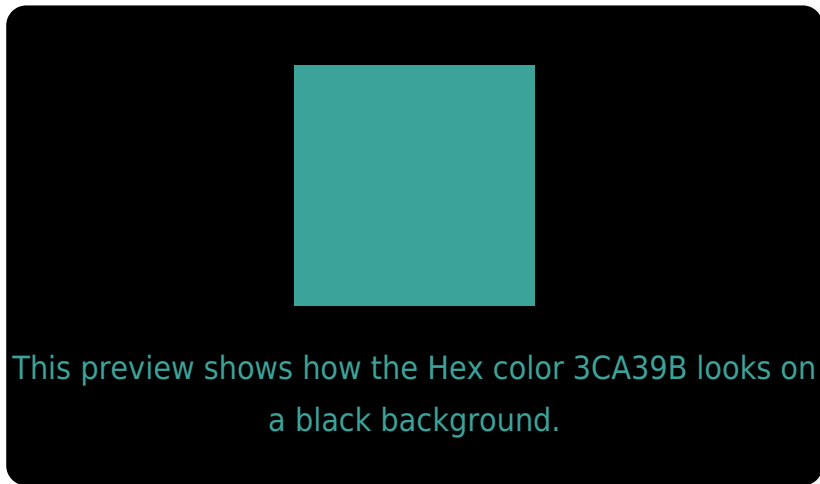
Large Text (above 18pt) WCAG AA ✓ Pass

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

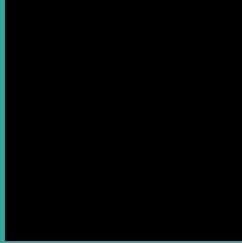
Any Text WCAG AA ✓ Pass

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 3CA39B Background



This preview shows how black text looks on a background with the Hex color 3CA39B.

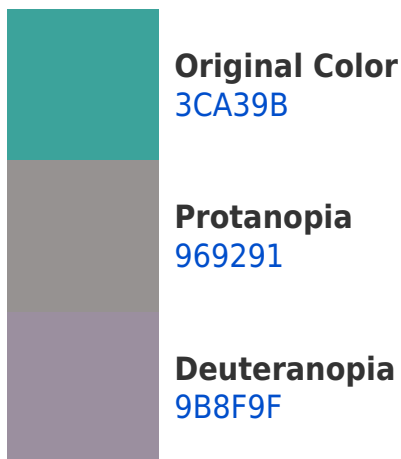


This preview shows how white text looks on a background with the Hex color 3CA39B.

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
44A0AD

Trichromacy



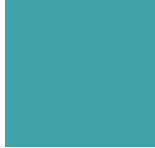
Original Color
3CA39B



Protanomaly
759895



Deuteranomaly
78969E



Tritanomaly
41A1A6

Monochromacy



Original Color
3CA39B



Achromatopsia
838383



Achromatomaly
698F8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CA39B 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 #3CA39B looks like.

```
.text, #text, p{  
    color:#3CA39B  
}
```

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 #3CA39B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA39B
}
```

Border

The CSS property to change the border of an element to Hex 3CA39B 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
#3CA39B }
```

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

```
.border{ border-color:#3CA39B }
```

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

Here you see how a box with a 4 pixel #3CA39B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA39B; -webkit-box-shadow:4px 4px  
4px 4px #3CA39B; box-shadow:4px 4px 4px  
4px #3CA39B }
```

Background

The CSS property to change the background color of an element to Hex 3CA39B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA39B }
```

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

```
.background{ background-color:#3CA39B }
```

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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