

# Converting Colors

Hex(3CAB9E)

Have a look what the booklet for  
Hex(3CAB9E) contains.

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**Color**

**Hex(3CAB9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CAB9E
RGB	60, 171, 158
RGB Percent	24%, 67%, 62%
CMY	0.7647, 0.3294, 0.3804
CMYK	0.65, 0.00, 0.08, 0.33
HSL	173°, 48%, 45%
HSV	173°, 65%, 67%
XYZ	22.5979, 32.5551, 37.4405
YIQ	136.3290, -61.9830, -27.5750

# Conversions

## Conversions Part 2

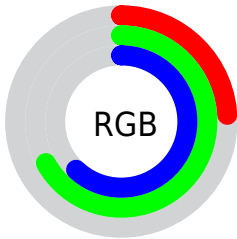
Format	Color
<a href="#">RYB</a>	<a href="#">60, 119, 171</a>
Decimal	<a href="#">3976094</a>
CIELab	<a href="#">63.80, -34.21, -2.53</a>
CIElCh	<a href="#">64, 34.303, 184.233</a>
Yxy	<a href="#">32.5551, 0.2441, 0.3516</a>
Android (android.graphics.Color)	<a href="#">4282166174</a> ( <a href="#">0xFF3CAB9E</a> )
YUV	<a href="#">136.3290, 10.6838, -66.9405</a>
Hunter-Lab	<a href="#">57.0571, -29.1534, 1.0342</a>

# Details

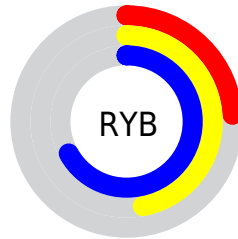
The Hex color **3CAB9E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB3C49**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **79E3D5**, and **00766B** is the 20% darker color. If you saturate the color by 10%, you get **2BAB9C**, and if you desaturate by 10%, it is **4DABA0**.

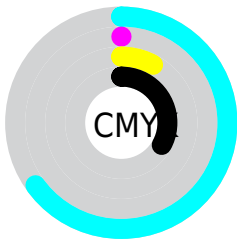
# Distribution



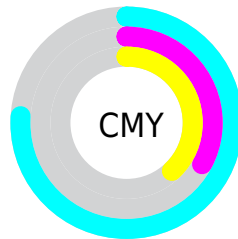
- Red (24%)
- Green (67%)
- Blue (62%)



- Red (24%)
- Yellow (47%)
- Blue (67%)



- Cyan (65%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (76%)
- Magenta (33%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CAB9E 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 3CAB9E by changing the saturation by 10% instead.



3CAB9E

3CAB9E

FFFFFF

139084

79E3D5

00766B

96FFF1

005D53

B3FFF1

00453C

D0FFF1

002D26

EEFFF1

001612

000000

3CAB9E

3CAB9E

2BAB9C

4DABA0

■ 1AAB9A

■ 5EABA2

■ 09AB98

■ 6FABA4

■ 00AB97

■ 80ABA6

■ 91ABA8

■ A3ABAA

■ B4ABAC

■ C5ABAE

■ D6ABB0

# Harmonies

## Analogous

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



65A97F



3CAB9E



1DAABC

# Triad

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



3CAB9E



A491CD



C59064

# Complementary

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



3CAB9E



AB3C49

# 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.



D4867A



3CAB9E



C587B6

# Square

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



3CAB9E



769CD7



D58397



AB9A5D

# Rectangle

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



3CAB9E



30A7CB



D58397



CB8C6A



# Sweetspot

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



3CAB9E



B4DED9



4BAB3C



56706D



F0F0F0



707070



# Same Dimension

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



3CAB9E



31DECA



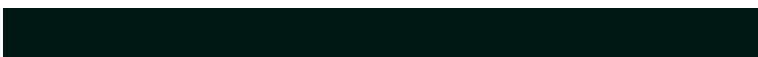
3C82AB



4E5756



009685



001714



# Inverse Universe

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



AB3C49



DE3145



AB653C



574E4F



960012

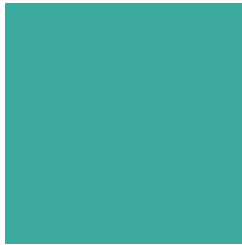


170003



# Previews

## White Background



This preview shows how the Hex color 3CAB9E looks on a white background.

## Color Contrast Check

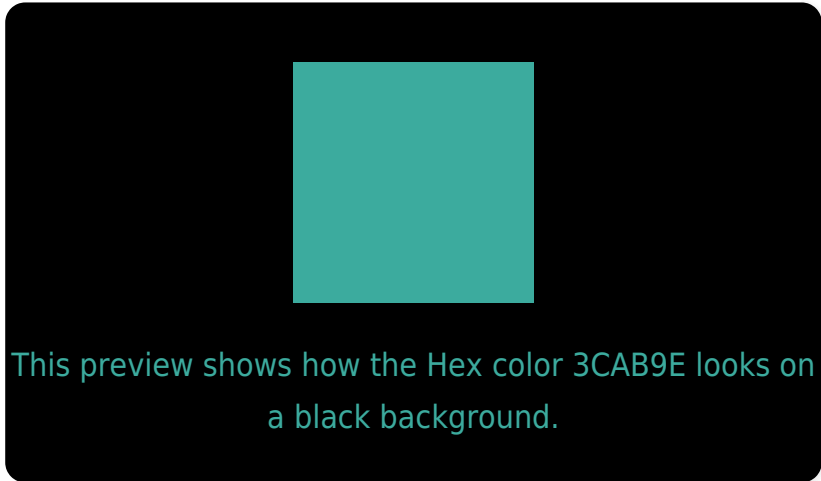
Large Text (above 18pt) WCAG AA × Fail

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

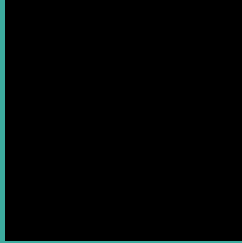
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CAB9E Background



This preview shows how black text looks on a background with the Hex color 3CAB9E.

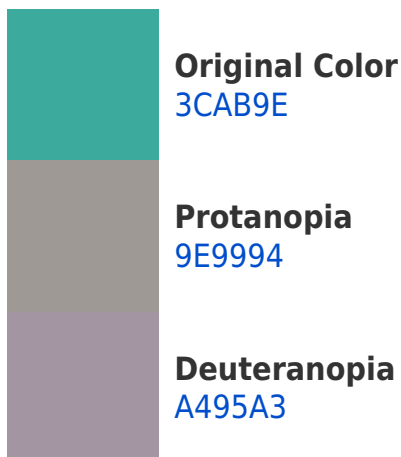


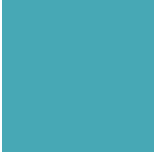
This preview shows how white text looks on a background with the Hex color 3CAB9E.

# 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](#).

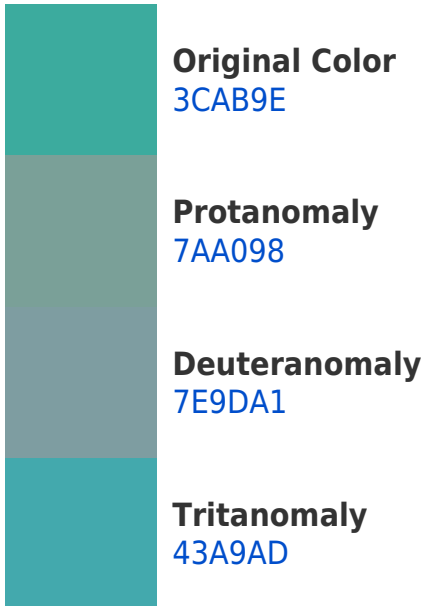
## Dichromacy





**Tritanopia**  
47A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CAB9E 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 #3CAB9E looks like.

```
.text, #text, p{  
    color:#3CAB9E  
}
```

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 #3CAB9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAB9E
}
```

## Border

The CSS property to change the border of an element to Hex 3CAB9E 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
#3CAB9E }
```

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

```
.border{ border-color:#3CAB9E }
```

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

Here you see how a box with a 4 pixel #3CAB9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAB9E; -webkit-box-shadow:4px 4px  
4px 4px #3CAB9E; box-shadow:4px 4px 4px  
4px #3CAB9E }
```

# Background

The CSS property to change the background color of an element to Hex 3CAB9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAB9E }
```

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

```
.background{ background-color:#3CAB9E }
```

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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