

# Converting Colors

Hex(3BC09A)

Have a look what the booklet for  
Hex(3BC09A) contains.

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**Color**

**Hex(3BC09A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BC09A
RGB	59, 192, 154
RGB Percent	23%, 75%, 60%
CMY	0.7686, 0.2471, 0.3961
CMYK	0.69, 0.00, 0.20, 0.25
HSL	163°, 53%, 49%
HSV	163°, 69%, 75%
XYZ	26.4860, 40.9622, 37.0824
YIQ	147.9010, -67.0700, -40.0140

# Conversions

## Conversions Part 2

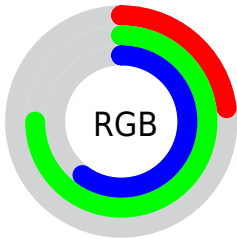
Format	Color
<a href="#">RYB</a>	<a href="#">59, 137, 192</a>
Decimal	<a href="#">3915930</a>
CIELab	<a href="#">70.15, -44.75, 8.86</a>
CIElCh	<a href="#">70, 45.618, 168.795</a>
Yxy	<a href="#">40.9622, 0.2534, 0.3919</a>
Android (android.graphics.Color)	<a href="#">4282106010 (0xFF3BC09A)</a>
YUV	<a href="#">147.9010, 3.0068, -77.9662</a>
Hunter-Lab	<a href="#">64.0017, -38.1338, 10.4487</a>

# Details

The Hex color **3BC09A** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C03B61**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7BF9D0**, and **008967** is the 20% darker color. If you saturate the color by 10%, you get **28C095**, and if you desaturate by 10%, it is **4EC09F**.

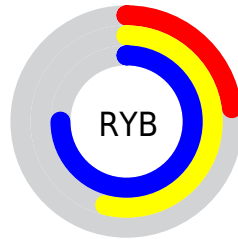
# Distribution



Red (23%)

Green (75%)

Blue (60%)



Red (23%)

Yellow (54%)

Blue (75%)

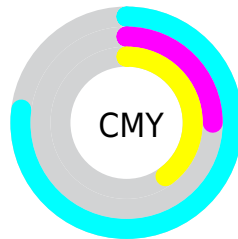


Cyan (69%)

Magenta (0%)

Yellow (20%)

Black (25%)



Cyan (77%)

Magenta (25%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BC09A 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 3BC09A by changing the saturation by 10% instead.





3BC09A



3BC09A

FFFFFF



06A480



7BF9D0



008967



98FFED



006F4F



B6FFFF



005638



D4FFFF



003E22



F2FFFF



00290D



000100



000000



3BC09A



3BC09A

■ 28C095

■ 4EC09F

■ 15C08F

■ 61C0A5

■ 01C08A

■ 75C0AA

■ 00C089

■ 88C0B0

■ 9BC0B5

■ AEC0BB

■ C1C0C0

■ D5C0C6

■ E8C0CB

# Harmonies

## Analogous

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



7CBB73



3BC09A



00C1C5

# Triad

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



3BC09A



97A7FA



EF956F

# Complementary

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



3BC09A



C03B61

# 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.



FB8B93



3BC09A



D097E2

# Square

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



3BC09A



42B4FC



F18BBD



D3A459

# Rectangle

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



3BC09A



00BFDE



F18BBD



F5917A

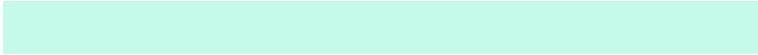


# Sweetspot

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



3BC09A



C5FAEB



63C03B



5E7D74



FCFCFC



7D7D7D



# Same Dimension

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



3BC09A



2AFABF



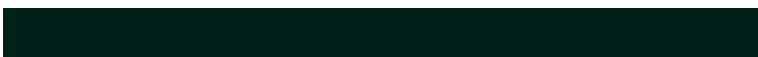
3BA5C0



57615E



00A173



002118



# Inverse Universe

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



C03B61



FA2A66



C0563B



61575A



A1002E

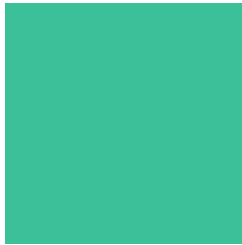


210009



# Previews

## White Background



This preview shows how the Hex color 3BC09A looks on a white background.

## Color Contrast Check

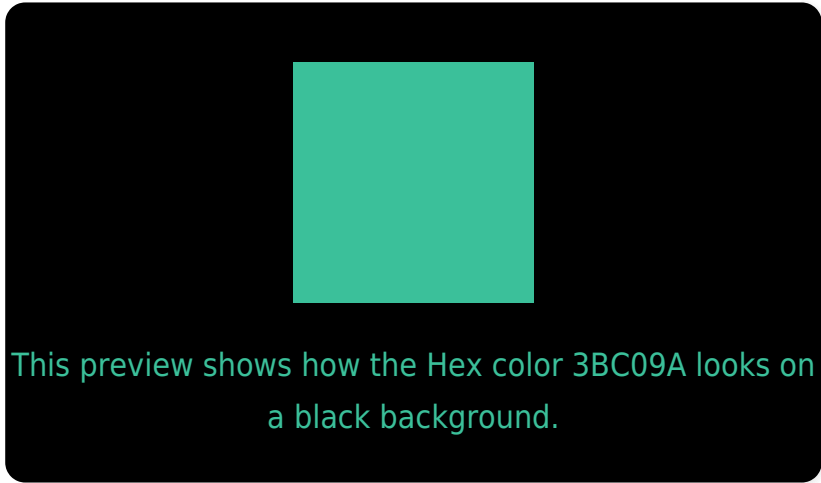
Large Text (above 18pt) WCAG AA × Fail

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

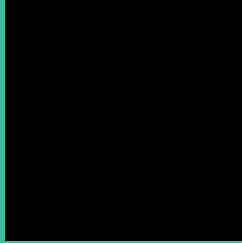
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

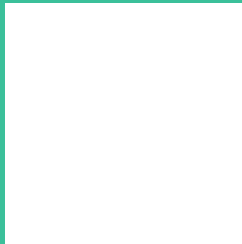
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BC09A Background



This preview shows how black text looks on a background with the Hex color 3BC09A.



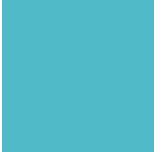
This preview shows how white text looks on a background with the Hex color 3BC09A.

# 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**  
50BAC9

# Trichromacy



**Original Color**  
3BC09A



**Protanomaly**  
87B293



**Deuteranomaly**  
8EAE9E



**Tritanomaly**  
48BCB8

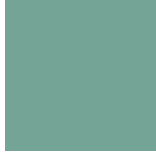
# Monochromacy



**Original Color**  
3BC09A



**Achromatopsia**  
949494



**Achromatomaly**  
74A496

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BC09A 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 #3BC09A looks like.

```
.text, #text, p{  
    color:#3BC09A  
}
```

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 #3BC09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC09A
}
```

## Border

The CSS property to change the border of an element to Hex 3BC09A 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
#3BC09A }
```

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

```
.border{ border-color:#3BC09A }
```

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

Here you see how a box with a 4 pixel #3BC09A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC09A; -webkit-box-shadow:4px 4px  
4px 4px #3BC09A; box-shadow:4px 4px 4px  
4px #3BC09A }
```

# Background

The CSS property to change the background color of an element to Hex 3BC09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC09A }
```

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

```
.background{ background-color:#3BC09A }
```

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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