

Converting Colors

Hex(3B9990)

Have a look what the booklet for
Hex(3B9990) contains.

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Color

Hex(3B9990)

Conversions

Conversions Part 1

Format	Color
Hex	3B9990
RGB	59, 153, 144
RGB Percent	23%, 60%, 56%
CMY	0.7686, 0.4000, 0.4353
CMYK	0.61, 0.00, 0.06, 0.40
HSL	174°, 44%, 42%
HSV	174°, 61%, 60%
XYZ	18.2289, 25.7259, 30.3904
YIQ	123.8680, -53.1350, -22.7270

Conversions

Conversions Part 2

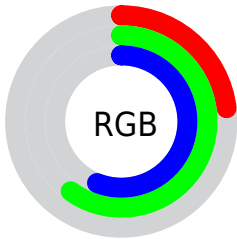
Format	Color
RYB	59, 108, 153
Decimal	3905936
CIELab	57.78, -29.66, -3.50
CIElCh	58, 29.862, 186.739
Yxy	25.7259, 0.2452, 0.3460
Android (android.graphics.Color)	4282096016 (0xFF3B9990)
YUV	123.8680, 9.9251, -56.8892
Hunter-Lab	50.7207, -24.6087, -0.0204

Details

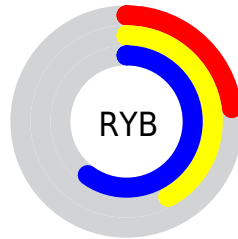
The Hex color **3B9990** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **993B44**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **75D0C6**, and **00655E** is the 20% darker color. If you saturate the color by 10%, you get **2C998F**, and if you desaturate by 10%, it is **4A9991**.

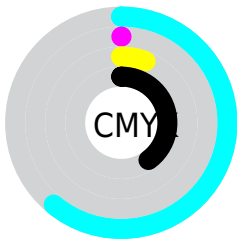
Distribution



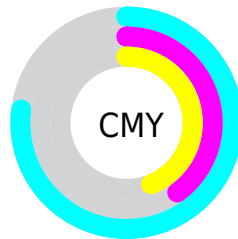
- Red (23%)
- Green (60%)
- Blue (56%)



- Red (23%)
- Yellow (42%)
- Blue (60%)



- Cyan (61%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)



- Cyan (77%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B9990 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 3B9990 by changing the saturation by 10% instead.

 3B9990

 3B9990

FFFFFF

 187F76

 75D0C6

 00655E

 91ECE2

 004D46

 ADFFFE

 003530

 CAFFFF

 00221B

 E8FFFF

 000000

 3B9990

 3B9990

 2C998F

 4A9991

 1C998D

 5A9993

0D998C

699994

00998A

789996

889997

979999

A6999A

B5999C

C5999D

Harmonies

Analogous

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



5B9775



3B9990



2B98A9

Triad

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



3B9990



9682B5



AE825B

Complementary

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



3B9990



993B44

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.



BC7A6D



3B9990



B17AA0

Square

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



3B9990



708BBE



BD7786



978B57

Rectangle

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



3B9990



3995B6



BD7786



B37F60

Sweetspot

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



3B9990



A3C7C3



44993B



4E6361



E3E3E3



636363

Same Dimension

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



3B9990



34C7B9



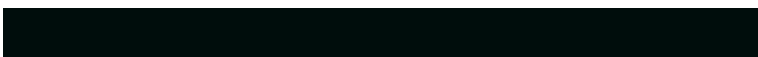
3B7399



454D4C



008C7F



000D0C

Inverse Universe

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



993B44



C73442



99613B



4D4546



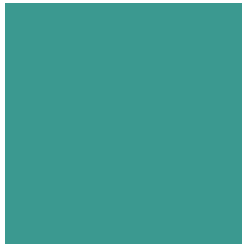
8C000D



0D0001

Previews

White Background



This preview shows how the Hex color 3B9990 looks on a white background.

Color Contrast Check

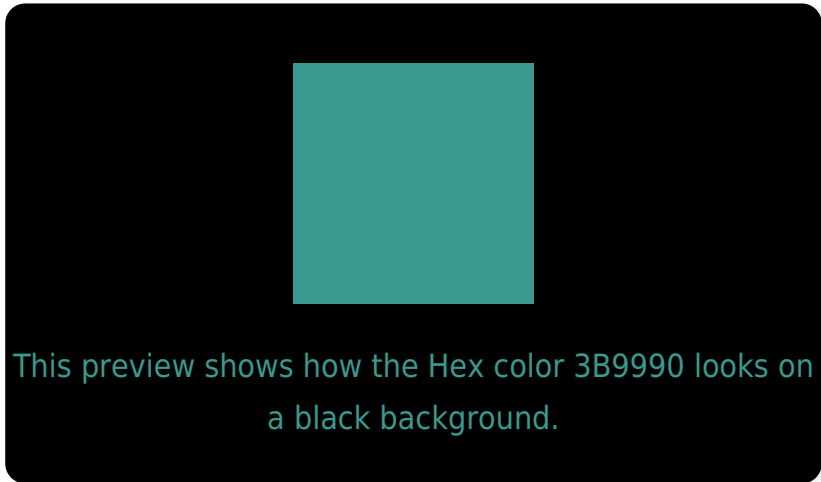
Large Text (above 18pt) WCAG AA ✓ Pass

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

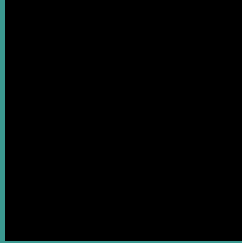
Any Text WCAG AA ✓ Pass

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 3B9990 Background



This preview shows how black text looks on a background with the Hex color 3B9990.

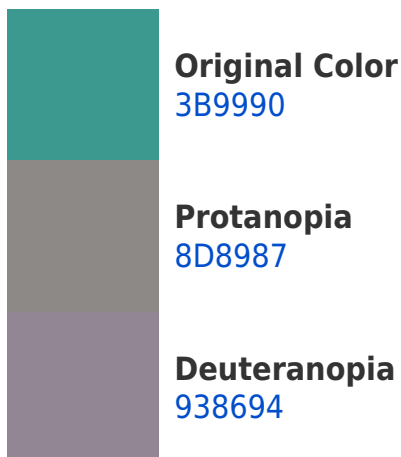


This preview shows how white text looks on a background with the Hex color 3B9990.

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
4396A2

Trichromacy



Original Color
3B9990



Protanomaly
6F8F8A



Deuteranomaly
738D93



Tritanomaly
40979B

Monochromacy



Original Color
3B9990



Achromatopsia
7C7C7C



Achromatomaly
648783

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B9990 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 #3B9990 looks like.

```
.text, #text, p{  
    color:#3B9990  
}
```

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 #3B9990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B9990
}
```

Border

The CSS property to change the border of an element to Hex 3B9990 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
#3B9990 }
```

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

```
.border{ border-color:#3B9990 }
```

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

Here you see how a box with a 4 pixel #3B9990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B9990; -webkit-box-shadow:4px 4px  
4px 4px #3B9990; box-shadow:4px 4px 4px  
4px #3B9990 }
```

Background

The CSS property to change the background color of an element to Hex 3B9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B9990 }
```

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

```
.background{ background-color:#3B9990 }
```

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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