

Converting Colors

Hex(009990)

Have a look what the booklet for
Hex(009990) contains.

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Color

Hex(009990)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 009990 |
| RGB | 0, 153, 144 |
| RGB Percent | 0%, 60%, 56% |
| CMY | 1.0000, 0.4000, 0.4353 |
| CMYK | 1.00, 0.00, 0.06, 0.40 |
| HSL | 176°, 100%, 30% |
| HSV | 176°, 100%, 60% |
| XYZ | 16.4253, 24.7961, 30.3060 |
| YIQ | 106.2270, -88.2990, -35.2350 |

Conversions

Conversions Part 2

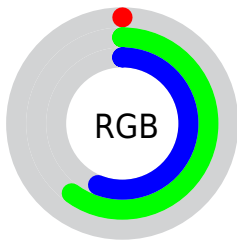
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 79, 153 |
| Decimal | 39312 |
| CIELab | 56.88, -35.62, -4.93 |
| CIELCh | 57, 35.960, 187.887 |
| Yxy | 24.7961, 0.2296, 0.3467 |
| Android (android.graphics.Color) | 4278229392 (0xFF009990) |
| YUV | 106.2270, 18.6221, -93.1611 |
| Hunter-Lab | 49.7957, -28.2636, -1.2273 |

Details

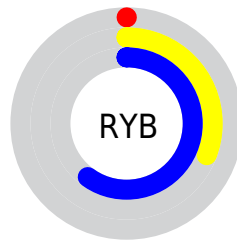
The Hex color **009990** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **990009**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5AD0C6**, and **00655E** is the 20% darker color. If you saturate the color by 10%, you get **009990**, and if you desaturate by 10%, it is **0F9991**.

Distribution



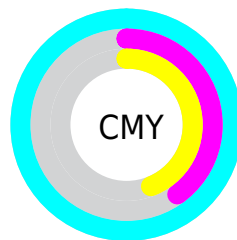
- Red (0%)
- Green (60%)
- Blue (56%)



- Red (0%)
- Yellow (31%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009990 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 009990 by changing the saturation by 10% instead.

 009990

 009990

FFFFFF

 007F76

 5AD0C6

 00655E

 78EDE2

 004C46

 96FFFE

 003530

 B3FFFF

 00201B

 D1FFFF

 000000

 EFFFFFF

 009990

 0F9991

 1F9992

 2E9993

 3D9994

 4D9995

 5C9995

 6B9996

 7A9997

 8A9998

Harmonies

Analogous

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



4A9770



009990



0097AE

Triad

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



009990



977DBA



B07E4F

Complementary

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



009990



990009

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.



C17464



009990



B673A1

Square

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



009990



6789C6



C46F81



948949

Rectangle

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



009990



0094BD



C46F81



B77B54

Sweetspot

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



009990



8BC7C3



0A9900



406361



E3E3E3



636363

Same Dimension

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



009990



00C7BB



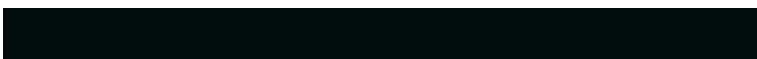
005799



454D4C



008C84



000D0C

Inverse Universe

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



990009



C7000C



994200



4D4545



8C0008



0D0001

Previews

White Background



This preview shows how the Hex color 009990 looks on a white background.

Color Contrast Check

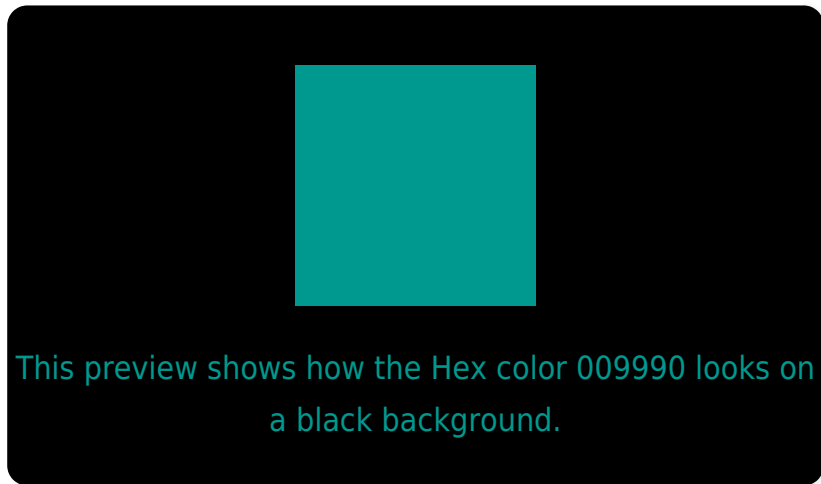
Large Text (above 18pt) WCAG AA ✓ Pass

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

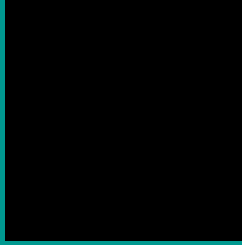
Any Text WCAG AA ✓ Pass

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 009990 Background



This preview shows how black text looks on a background with the Hex color 009990.

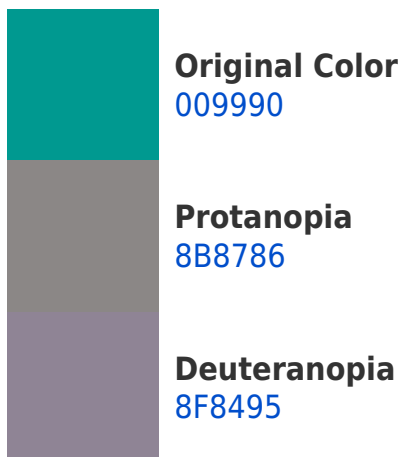


This preview shows how white text looks on a background with the Hex color 009990.

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
2396A2

Trichromacy



Original Color
009990



Protanomaly
588E8A



Deuteranomaly
5B8C93



Tritanomaly
16979B

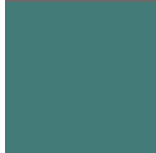
Monochromacy



Original Color
009990



Achromatopsia
6A6A6A



Achromatomaly
437B78

CSS Examples

Text

The CSS property to change the color of the text to Hex 009990 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 #009990 looks like.

```
.text, #text, p{  
    color:#009990  
}
```

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 #009990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009990
}
```

Border

The CSS property to change the border of an element to Hex 009990 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
#009990 }
```

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

```
.border{ border-color:#009990 }
```

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

Here you see how a box with a 4 pixel #009990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009990; -webkit-box-shadow:4px 4px  
4px 4px #009990; box-shadow:4px 4px 4px  
4px #009990 }
```

Background

The CSS property to change the background color of an element to Hex 009990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009990 }
```

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

```
.background{ background-color:#009990 }
```

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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