

Converting Colors

Hex(009690)

Have a look what the booklet for
Hex(009690) contains.

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Color

Hex(009690)

Conversions

Conversions Part 1

Format	Color
Hex	009690
RGB	0, 150, 144
RGB Percent	0%, 59%, 56%
CMY	1.0000, 0.4118, 0.4353
CMYK	1.00, 0.00, 0.04, 0.41
HSL	178°, 100%, 29%
HSV	178°, 100%, 59%
XYZ	15.9404, 23.8263, 30.1443
YIQ	104.4660, -87.4740, -33.6660

Conversions

Conversions Part 2

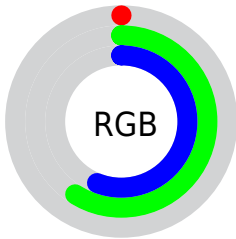
Format	Color
RYB	0, 77, 150
Decimal	38544
CIELab	55.91, -34.24, -6.36
CIELCh	56, 34.824, 190.526
Yxy	23.8263, 0.2280, 0.3408
Android (android.graphics.Color)	4278228624 (0xFF009690)
YUV	104.4660, 19.4903, -91.6167
Hunter-Lab	48.8122, -27.1294, -2.4465

Details

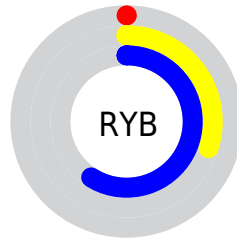
The Hex color **009690** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **960006**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **59CDC6**, and **00625E** is the 20% darker color. If you saturate the color by 10%, you get **009690**, and if you desaturate by 10%, it is **0F9691**.

Distribution



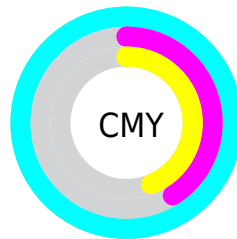
- Red (0%)
- Green (59%)
- Blue (56%)



- Red (0%)
- Yellow (30%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009690 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 009690 by changing the saturation by 10% instead.

 009690

 009690

FFFFFF

 007C76

 59CDC6

 00625E

 77E9E2

 004A46

 95FFFE

 003230

 B2FFFF

 001E1B

 D0FFFF

 000000

 EEEFFF

 009690

 0F9691

 1E9691

 2D9692

 3C9692

 4B9693

 5A9694

 699694

 789695

 879695

Harmonies

Analogous

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



469471



009690



0094AC

Triad

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



009690



977AB4



AA7D4D

Complementary

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



009690



960006

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.



BC7360



009690



B4719B

Square

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



009690



6A85C1



C06E7C



8F8849

Rectangle

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



009690



0B91BA



C06E7C



B17A52

Sweetspot

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



009690



88C2BF



079600



3E6160



E0E0E0



616161

Same Dimension

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



009690



00C2BA



005396



434A4A



008A84



000A0A

Inverse Universe

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



960006



C20008



964400



4A4343



8A0006



0A0000

Previews

White Background



This preview shows how the Hex color 009690 looks on a white background.

Color Contrast Check

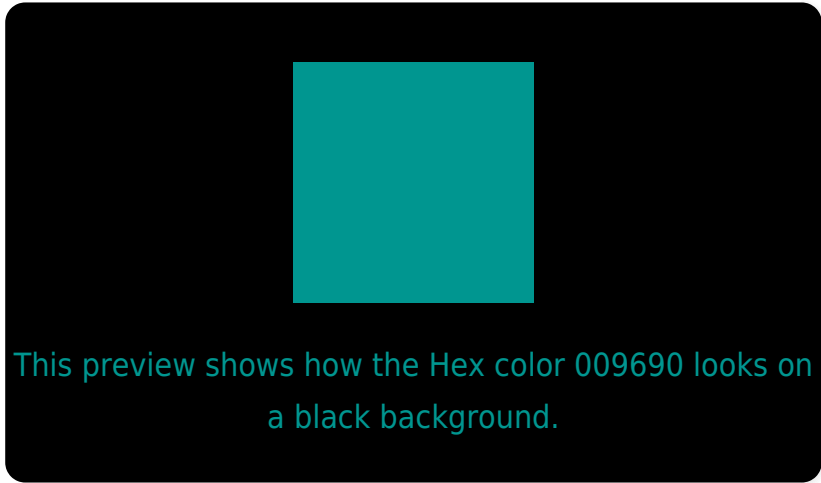
Large Text (above 18pt) WCAG AA ✓ Pass

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

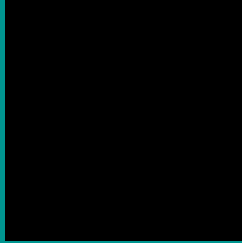
Any Text WCAG AA ✓ Pass

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 009690 Background



This preview shows how black text looks on a background with the Hex color 009690.

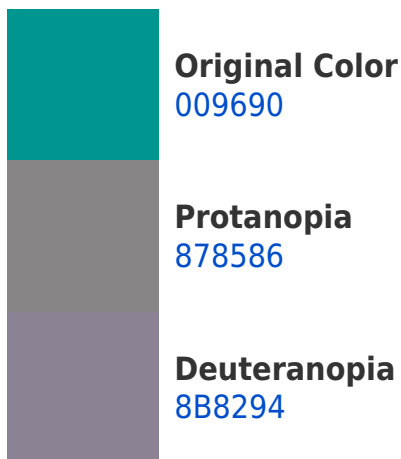


This preview shows how white text looks on a background with the Hex color 009690.

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
2094A0

Trichromacy



Original Color
009690



Protanomaly
568B8A



Deuteranomaly
588993



Tritanomaly
14959A

Monochromacy



Original Color
009690



Achromatopsia
686868



Achromatomaly
427977

CSS Examples

Text

The CSS property to change the color of the text to Hex 009690 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 #009690 looks like.

```
.text, #text, p{  
    color:#009690  
}
```

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 #009690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009690
}
```

Border

The CSS property to change the border of an element to Hex 009690 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
#009690 }
```

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

```
.border{ border-color:#009690 }
```

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

Here you see how a box with a 4 pixel #009690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009690; -webkit-box-shadow:4px 4px  
4px 4px #009690; box-shadow:4px 4px 4px  
4px #009690 }
```

Background

The CSS property to change the background color of an element to Hex 009690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009690 }
```

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

```
.background{ background-color:#009690 }
```

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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