

Converting Colors

Hex(009691)

Have a look what the booklet for
Hex(009691) contains.

Hex(009691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(009691)

Conversions

Conversions Part 1

Format	Color
Hex	009691
RGB	0, 150, 145
RGB Percent	0%, 59%, 57%
CMY	1.0000, 0.4118, 0.4314
CMYK	1.00, 0.00, 0.03, 0.41
HSL	178°, 100%, 29%
HSV	178°, 100%, 59%
XYZ	16.0172, 23.8570, 30.5487
YIQ	104.5800, -87.7950, -33.3550

Conversions

Conversions Part 2

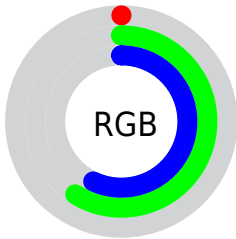
Format	Color
RYB	0, 76, 150
Decimal	38545
CIELab	55.94, -33.93, -6.89
CIELCh	56, 34.621, 191.477
Yxy	23.8570, 0.2274, 0.3388
Android (android.graphics.Color)	4278228625 (0xFF009691)
YUV	104.5800, 19.9271, -91.7167
Hunter-Lab	48.8437, -26.9413, -2.8917

Details

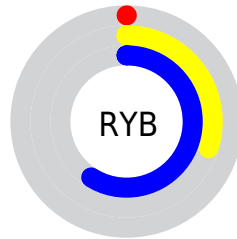
The Hex color **009691** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **960005**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **59CDC7**, and **00625F** is the 20% darker color. If you saturate the color by 10%, you get **009691**, and if you desaturate by 10%, it is **0F9692**.

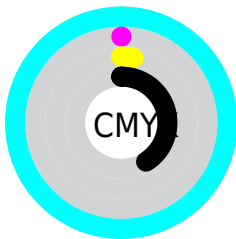
Distribution



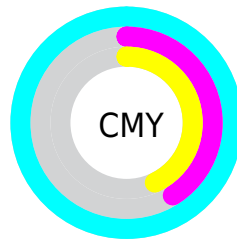
- Red (0%)
- Green (59%)
- Blue (57%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)




- Cyan (100%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009691 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 009691 by changing the saturation by 10% instead.

 009691

 009691

FFFFFF

 007C77

 59CDC7

 00625F

 77E9E3

 004A47

 95FFFF

 003231

 B3FFFF

 001E1C

 D0FFFF

 000000

 EEEFFF

 009691

 0F9692

 1E9692

 2D9693

 3C9693

 4B9694

 5A9694

 699695

 789695

 879696

Harmonies

Analogous

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



469572



009691



0094AD

Triad

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



009691



987AB3



A97E4D

Complementary

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



009691



960005

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.



BB7460



009691



B5719A

Square

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



009691



6C85C1



C06E7C



8E884A

Rectangle

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



009691



1391BA



C06E7C



B07A52

Sweetspot

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



009691



88C2C0



059600



3E6160



E0E0E0



616161

Same Dimension

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



009691



00C2BB



005096



434A4A



008A85



000A0A

Inverse Universe

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



960005



C20006



964600



4A4343



8A0005



0A0000

Previews

White Background



This preview shows how the Hex color 009691 looks on a white background.

Color Contrast Check

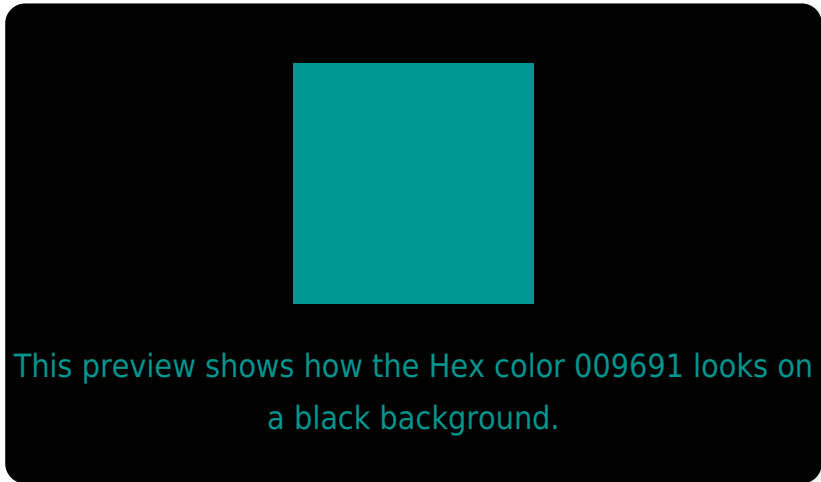
Large Text (above 18pt) WCAG AA ✓ Pass

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

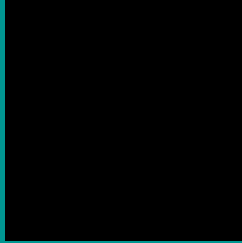
Any Text WCAG AA ✓ Pass

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 009691 Background



This preview shows how black text looks on a background with the Hex color 009691.

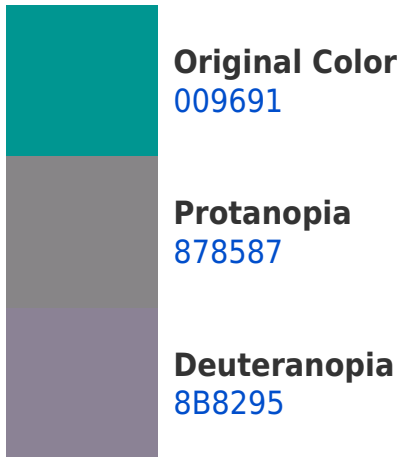


This preview shows how white text looks on a background with the Hex color 009691.

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
1F94A0

Trichromacy



Original Color
009691



Protanomaly
568B8B



Deuteranomaly
588994



Tritanomaly
14959B

Monochromacy



Original Color
009691



Achromatopsia
696969



Achromatomaly
437978

CSS Examples

Text

The CSS property to change the color of the text to Hex 009691 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 #009691 looks like.

```
.text, #text, p{  
    color:#009691  
}
```

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 #009691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009691
}
```

Border

The CSS property to change the border of an element to Hex 009691 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
#009691 }
```

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

```
.border{ border-color:#009691 }
```

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

Here you see how a box with a 4 pixel #009691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009691; -webkit-box-shadow:4px 4px  
4px 4px #009691; box-shadow:4px 4px 4px  
4px #009691 }
```

Background

The CSS property to change the background color of an element to Hex 009691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009691 }
```

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

```
.background{ background-color:#009691 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor