

Converting Colors

Hex(009091)

Have a look what the booklet for
Hex(009091) contains.

Hex(009091)	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(009091)

Conversions

Conversions Part 1

Format	Color
Hex	009091
RGB	0, 144, 145
RGB Percent	0%, 56%, 57%
CMY	1.0000, 0.4353, 0.4314
CMYK	1.00, 0.01, 0.00, 0.43
HSL	180°, 100%, 28%
HSV	180°, 100%, 57%
XYZ	15.0841, 21.9909, 30.2377
YIQ	101.0580, -86.1450, -30.2170

Conversions

Conversions Part 2

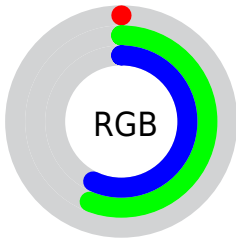
Format	Color
RYB	0, 72, 145
Decimal	37009
CIELab	54.02, -31.09, -9.77
CIELCh	54, 32.591, 197.436
Yxy	21.9909, 0.2241, 0.3267
Android (android.graphics.Color)	4278227089 (0xFF009091)
YUV	101.0580, 21.6634, -88.6279
Hunter-Lab	46.8944, -24.6487, -5.4044

Details

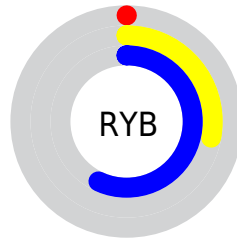
The Hex color **009091** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **910100**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **58C6C7**, and **005D5F** is the 20% darker color. If you saturate the color by 10%, you get **009091**, and if you desaturate by 10%, it is **0E9091**.

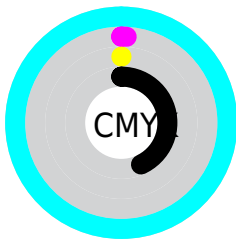
Distribution



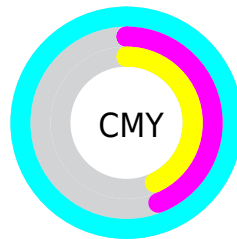
- Red (0%)
- Green (56%)
- Blue (57%)



- Red (0%)
- Yellow (28%)
- Blue (57%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)




- Cyan (100%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009091 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 009091 by changing the saturation by 10% instead.

 009091

 009091

FFFFFF

 007677

 58C6C7

 005D5F

 76E3E3

 004547

 94FFFF

 002E31

 B1FFFF

 00171C

 CFFFFFF

 000000

 EDFFFF

 009091

 0E9091

 1D9091

 2C9091

 3A9091

 499191

 579191

 669191

 749191

 839191

Harmonies

Analogous

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



3D8F74



009091



008DAA

Triad

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



009091



9974A7



9E7B4A

Complementary

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



009091



910100

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.



B17259



009091



B06C8E

Square

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



009091



727EB7



B86B72



83854A

Rectangle

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



009091



2D8AB4



B86B72



A5784E

Sweetspot

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



009091



84BCBD



009100



3C5E5E



DEDEDE



5E5E5E

Same Dimension

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



009091



00BBBD



004991



404747



008687



000808

Inverse Universe

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



910090



BD00BB



914900



474047



870086



080008

Previews

White Background



This preview shows how the Hex color 009091 looks on a white background.

Color Contrast Check

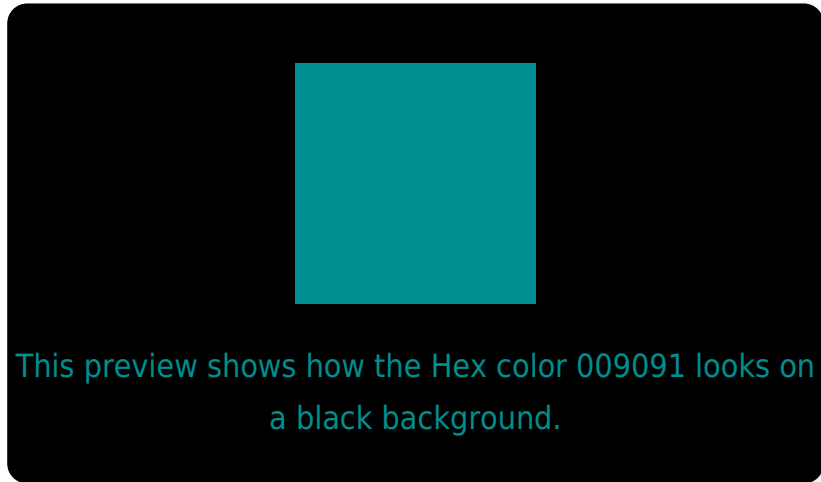
Large Text (above 18pt) WCAG AA ✓ Pass

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

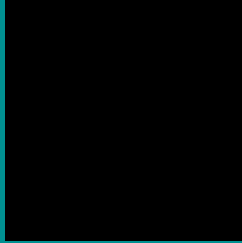
Any Text WCAG AA ✓ Pass

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 009091 Background



This preview shows how black text looks on a background with the Hex color 009091.

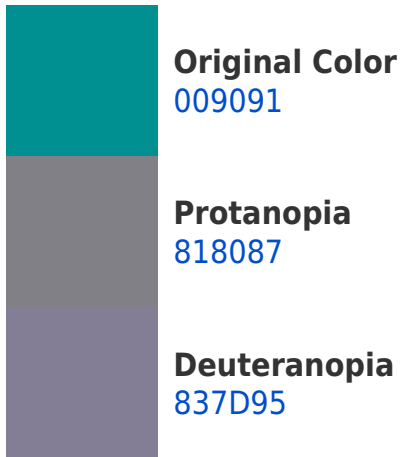


This preview shows how white text looks on a background with the Hex color 009091.

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
198F9A

Trichromacy



Original Color
009091



Protanomaly
52868B



Deuteranomaly
538494



Tritanomaly
108F97

Monochromacy



Original Color
009091



Achromatopsia
656565



Achromatomaly
407575

CSS Examples

Text

The CSS property to change the color of the text to Hex 009091 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 #009091 looks like.

```
.text, #text, p{  
    color:#009091  
}
```

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 #009091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009091
}
```

Border

The CSS property to change the border of an element to Hex 009091 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
#009091 }
```

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

```
.border{ border-color:#009091 }
```

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

Here you see how a box with a 4 pixel #009091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009091; -webkit-box-shadow:4px 4px  
4px 4px #009091; box-shadow:4px 4px 4px  
4px #009091 }
```

Background

The CSS property to change the background color of an element to Hex 009091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009091 }
```

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

```
.background{ background-color:#009091 }
```

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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