

Converting Colors

Hex(009792)

Have a look what the booklet for
Hex(009792) contains.

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Color

Hex(009792)

Conversions

Conversions Part 1

Format	Color
Hex	009792
RGB	0, 151, 146
RGB Percent	0%, 59%, 57%
CMY	1.0000, 0.4078, 0.4275
CMYK	1.00, 0.00, 0.03, 0.41
HSL	178°, 100%, 30%
HSV	178°, 100%, 59%
XYZ	16.2549, 24.2085, 31.0101
YIQ	105.2810, -88.3910, -33.5670

Conversions

Conversions Part 2

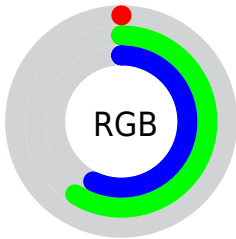
Format	Color
RYB	0, 77, 151
Decimal	38802
CIELab	56.30, -34.08, -6.94
CIELCh	56, 34.784, 191.506
Yxy	24.2085, 0.2274, 0.3387
Android (android.graphics.Color)	4278228882 (0xFF009792)
YUV	105.2810, 20.0745, -92.3314
Hunter-Lab	49.2022, -27.1328, -2.9265

Details

The Hex color **009792** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **970005**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **59CEC8**, and **006360** is the 20% darker color. If you saturate the color by 10%, you get **009792**, and if you desaturate by 10%, it is **0F9793**.

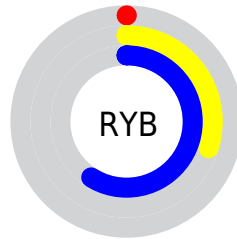
Distribution



Red (0%)

Green (59%)

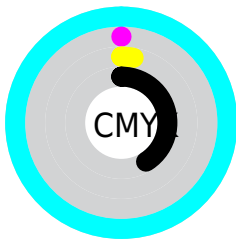
Blue (57%)



Red (0%)

Yellow (30%)

Blue (59%)

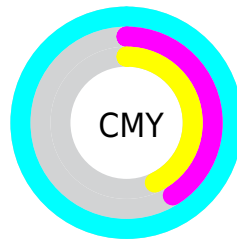


Cyan (100%)

Magenta (0%)

Yellow (3%)

Black (41%)



Cyan (100%)

Magenta (41%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009792 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 009792 by changing the saturation by 10% instead.

 009792

 009792

FFFFFF

 007D78

 59CEC8

 006360

 78EAE4

 004B48

 95FFFF

 003332

 B3FFFF

 001F1D

 D1FFFF

 000001

 EFFFFFFF

 000000

 009792

 0F9793

 1E9793

 2D9794

 3C9794

 4C9795

 5B9795

 6A9796

 799796

 889797

Harmonies

Analogous

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



469673



009792



0095AE

Triad

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



009792



997BB4



AA7F4E

Complementary

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



009792



970005

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.



BC7560



009792



B6729B

Square

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



009792



6D86C2



C16F7C



8F894B

Rectangle

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



009792



1492BB



C16F7C



B27B52

Sweetspot

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



009792



89C4C2



059700



406362



E3E3E3



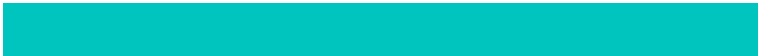
636363

Same Dimension

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



009792



00C4BE



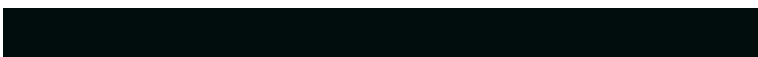
005197



454D4C



008C88



000D0C

Inverse Universe

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



970005



C40007



974600



4D4545



8C0005



0D0000

Previews

White Background



This preview shows how the Hex color 009792 looks on a white background.

Color Contrast Check

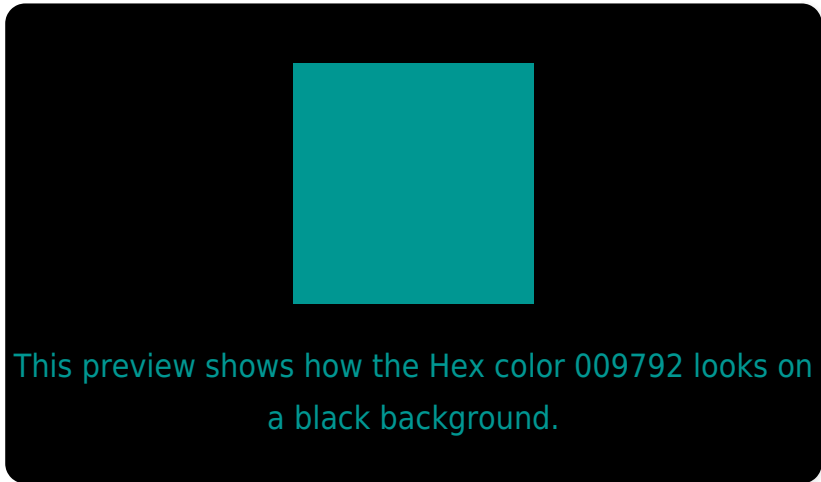
Large Text (above 18pt) WCAG AA ✓ Pass

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

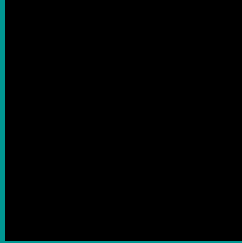
Any Text WCAG AA ✓ Pass

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 009792 Background



This preview shows how black text looks on a background with the Hex color 009792.

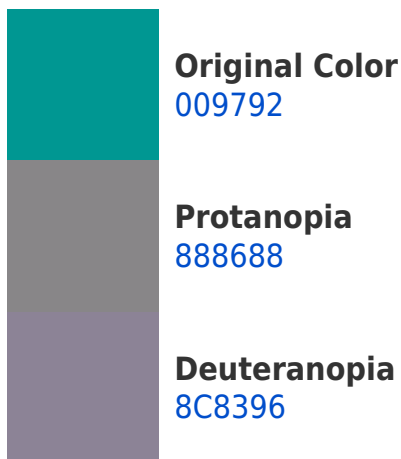


This preview shows how white text looks on a background with the Hex color 009792.

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





Trichromacy



Original Color
009792



Protanomaly
578C8C



Deuteranomaly
598A95



Tritanomaly
14969C

Monochromacy



Original Color
009792



Achromatopsia
696969



Achromatomaly
437A78

CSS Examples

Text

The CSS property to change the color of the text to Hex 009792 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 #009792 looks like.

```
.text, #text, p{  
    color:#009792  
}
```

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 #009792 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009792
}
```

Border

The CSS property to change the border of an element to Hex 009792 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
#009792 }
```

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

```
.border{ border-color:#009792 }
```

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

Here you see how a box with a 4 pixel #009792 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009792; -webkit-box-shadow:4px 4px  
4px 4px #009792; box-shadow:4px 4px 4px  
4px #009792 }
```

Background

The CSS property to change the background color of an element to Hex 009792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009792 }
```

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

```
.background{ background-color:#009792 }
```

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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