

Converting Colors

Hex(009282)

Have a look what the booklet for
Hex(009282) contains.

Hex(009282)	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(009282)

Conversions

Conversions Part 1

Format	Color
Hex	009282
RGB	0, 146, 130
RGB Percent	0%, 57%, 51%
CMY	1.0000, 0.4275, 0.4902
CMYK	1.00, 0.00, 0.11, 0.43
HSL	173°, 100%, 29%
HSV	173°, 100%, 57%
XYZ	14.3081, 22.1695, 24.6441
YIQ	100.5220, -81.8800, -35.9280

Conversions

Conversions Part 2

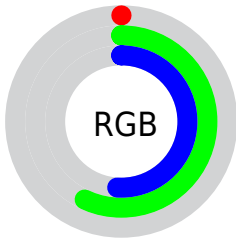
Format	Color
RYB	0, 77, 146
Decimal	37506
CIELab	54.21, -36.63, -0.84
CIELCh	54, 36.642, 181.312
Yxy	22.1695, 0.2341, 0.3627
Android (android.graphics.Color)	4278227586 (0xFF009282)
YUV	100.5220, 14.5327, -88.1578
Hunter-Lab	47.0845, -28.1548, 1.9266

Details

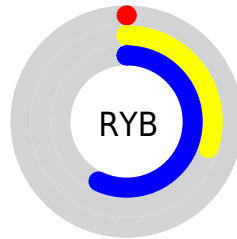
The Hex color **009282** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **920010**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56C9B7**, and **005E51** is the 20% darker color. If you saturate the color by 10%, you get **009282**, and if you desaturate by 10%, it is **0F9284**.

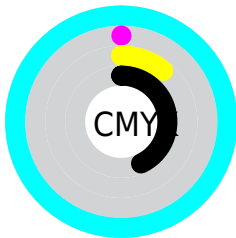
Distribution



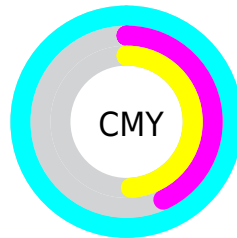
- Red (0%)
- Green (57%)
- Blue (51%)



- Red (0%)
- Yellow (30%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (43%)




- Cyan (100%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009282 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 009282 by changing the saturation by 10% instead.

 009282

 009282

FFFFFF

 007869

 56C9B7

 005E51

 74E5D2

 00463A

 92FFEF

 002F24

 AFFFFFF

 001810

 CCFFFF

 000000

 EAFFFF

 009282

 0F9284

 1D9285

 2C9287

 3A9288

 49928A

 58928C

 66928D

 75928F

 839290

Harmonies

Analogous

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



4C8F62



009282



0091A1

Triad

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



009282



8679B8



AD754B

Complementary

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



009282



920010

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.



BC6B62



009282



AA6EA1

Square

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



009282



5184C1



BC6881



948041

Rectangle

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



009282



008FB2



BC6881



B47151

Sweetspot

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



009282



84BDB6



119200



3C5E5B



DEDEDE



5E5E5E

Same Dimension

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



009282



00BDA8



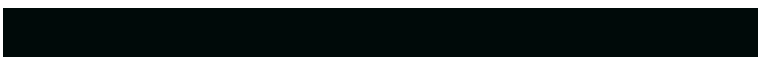
005A92



434A49



008A7B



000A09

Inverse Universe

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



920010



BD0015



923800



4A4343



8A000F



0A0001

Previews

White Background



This preview shows how the Hex color 009282 looks on a white background.

Color Contrast Check

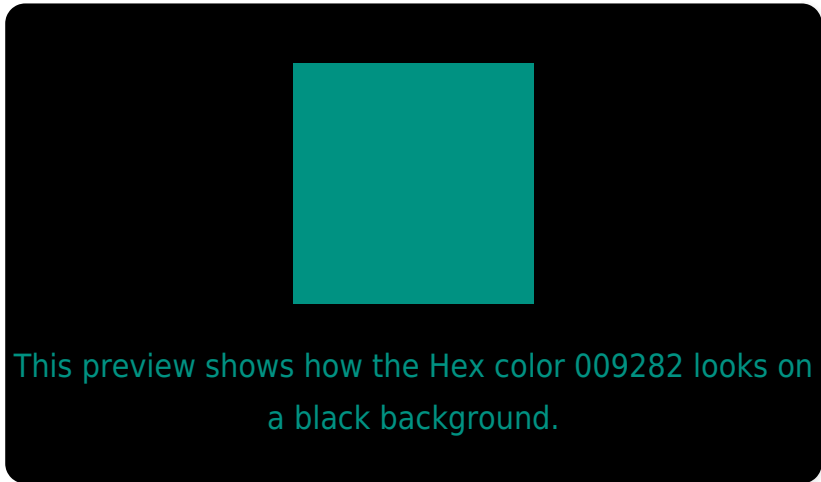
Large Text (above 18pt) WCAG AA ✓ Pass

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

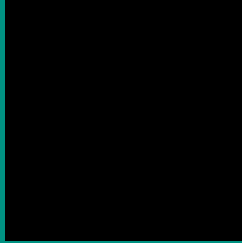
Any Text WCAG AA ✓ Pass

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 009282 Background



This preview shows how black text looks on a background with the Hex color 009282.

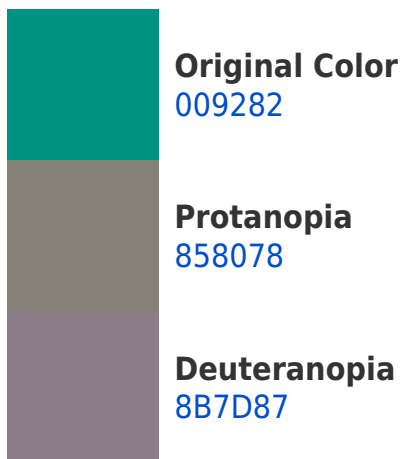


This preview shows how white text looks on a background with the Hex color 009282.

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
268F9A

Trichromacy



Original Color
009282



Protanomaly
55877C



Deuteranomaly
588585



Tritanomaly
189091

Monochromacy



Original Color
009282



Achromatopsia
656565



Achromatomaly
407570

CSS Examples

Text

The CSS property to change the color of the text to Hex 009282 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 #009282 looks like.

```
.text, #text, p{  
    color:#009282  
}
```

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 #009282 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009282
}
```

Border

The CSS property to change the border of an element to Hex 009282 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
#009282 }
```

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

```
.border{ border-color:#009282 }
```

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

Here you see how a box with a 4 pixel #009282 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009282; -webkit-box-shadow:4px 4px  
4px 4px #009282; box-shadow:4px 4px 4px  
4px #009282 }
```

Background

The CSS property to change the background color of an element to Hex 009282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009282 }
```

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

```
.background{ background-color:#009282 }
```

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