

Converting Colors

Hex(009582)

Have a look what the booklet for
Hex(009582) contains.

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Color

Hex(009582)

Conversions

Conversions Part 1

Format	Color
Hex	009582
RGB	0, 149, 130
RGB Percent	0%, 58%, 51%
CMY	1.0000, 0.4157, 0.4902
CMYK	1.00, 0.00, 0.13, 0.42
HSL	172°, 100%, 29%
HSV	172°, 100%, 58%
XYZ	14.7767, 23.1066, 24.8003
YIQ	102.2830, -82.7050, -37.4970

Conversions

Conversions Part 2

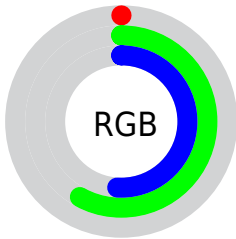
Format	Color
RYB	0, 80, 149
Decimal	38274
CIELab	55.18, -37.96, 0.59
CIELCh	55, 37.969, 179.115
Yxy	23.1066, 0.2357, 0.3686
Android (android.graphics.Color)	4278228354 (0xFF009582)
YUV	102.2830, 13.6645, -89.7022
Hunter-Lab	48.0693, -29.2497, 3.0592

Details

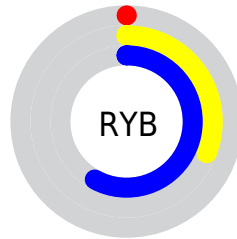
The Hex color **009582** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **950013**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **57CCB7**, and **006151** is the 20% darker color. If you saturate the color by 10%, you get **009582**, and if you desaturate by 10%, it is **0F9584**.

Distribution



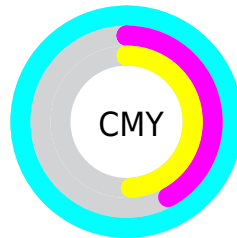
- Red (0%)
- Green (58%)
- Blue (51%)



- Red (0%)
- Yellow (31%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009582 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 009582 by changing the saturation by 10% instead.


 009582

 009582

FFFFFF

 007B69

 57CCB7

 006151

 75E8D2

 00493A

 93FEEF

 003124

 B0FFFF

 001B10

 CEFFFF

 000000

 EBFFFF

 009582

 0F9584

 1E9586

 2D9588

 3C958A

 4B958B

 59958D

 68958F

 779591

 869593

Harmonies

Analogous

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



4F9261



009582



0095A3

Triad

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



009582



857CBE



B3764C

Complementary

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



009582



950013

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.



C16C66



009582



AC70A6

Square

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



009582



4B88C6



C06986



998241

Rectangle

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



009582



0092B5



C06986



B97254

Sweetspot

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



009582



88C2BA



149500



3E615C



E0E0E0



616161

Same Dimension

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



009582



00C2A9



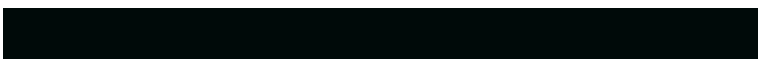
005E95



434A49



008A78



000A09

Inverse Universe

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



950013



C20019



953700



4A4343



8A0012



0A0001

Previews

White Background



This preview shows how the Hex color 009582 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

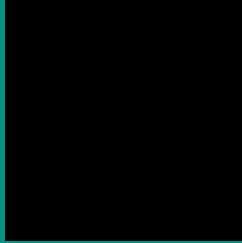
Any Text WCAG AA ✓ Pass

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 009582 Background



This preview shows how black text looks on a background with the Hex color 009582.

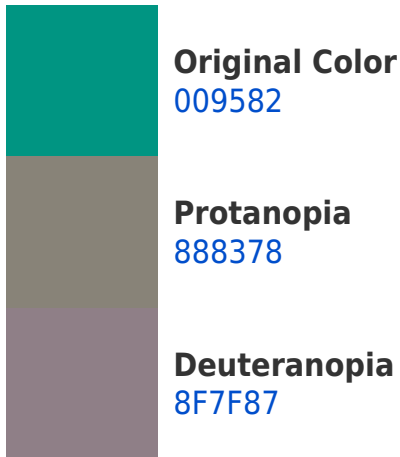


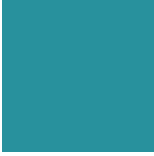
This preview shows how white text looks on a background with the Hex color 009582.

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
28919D

Trichromacy



Original Color
009582



Protanomaly
578A7C



Deuteranomaly
5B8785



Tritanomaly
199293

Monochromacy



Original Color
009582



Achromatopsia
666666



Achromatomaly
417770

CSS Examples

Text

The CSS property to change the color of the text to Hex 009582 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 #009582 looks like.

```
.text, #text, p{  
    color:#009582  
}
```

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 #009582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009582
}
```

Border

The CSS property to change the border of an element to Hex 009582 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
#009582 }
```

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

```
.border{ border-color:#009582 }
```

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

Here you see how a box with a 4 pixel #009582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009582; -webkit-box-shadow:4px 4px  
4px 4px #009582; box-shadow:4px 4px 4px  
4px #009582 }
```

Background

The CSS property to change the background color of an element to Hex 009582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009582 }
```

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

```
.background{ background-color:#009582 }
```

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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