

Converting Colors

Hex(009283)

Have a look what the booklet for
Hex(009283) contains.

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Color

Hex(009283)

Conversions

Conversions Part 1

Format	Color
Hex	009283
RGB	0, 146, 131
RGB Percent	0%, 57%, 51%
CMY	1.0000, 0.4275, 0.4863
CMYK	1.00, 0.00, 0.10, 0.43
HSL	174°, 100%, 29%
HSV	174°, 100%, 57%
XYZ	14.3756, 22.1965, 24.9994
YIQ	100.6360, -82.2010, -35.6170

Conversions

Conversions Part 2

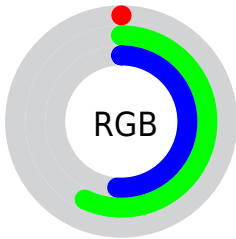
Format	Color
RYB	0, 77, 146
Decimal	37507
CIELab	54.23, -36.34, -1.37
CIELCh	54, 36.363, 182.163
Yxy	22.1965, 0.2335, 0.3605
Android (android.graphics.Color)	4278227587 (0xFF009283)
YUV	100.6360, 14.9695, -88.2578
Hunter-Lab	47.1131, -27.9823, 1.5184

Details

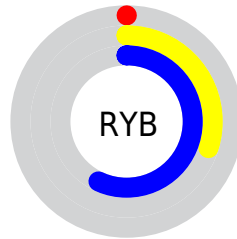
The Hex color **009283** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **92000F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **57C9B8**, and **005E52** is the 20% darker color. If you saturate the color by 10%, you get **009283**, and if you desaturate by 10%, it is **0F9284**.

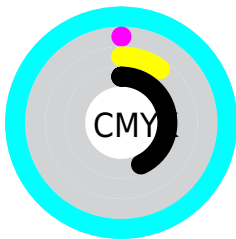
Distribution



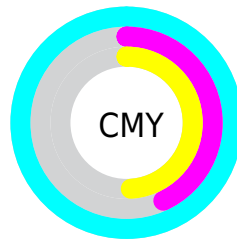
- Red (0%)
- Green (57%)
- Blue (51%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 009283 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 009283 by changing the saturation by 10% instead.

 009283

 009283

FFFFFF

 00786A


 57C9B8

 005E52

 75E5D4

 00463B

 92FFF0

 002F25

 AFFFFFF

 001811

 CDFFFF

 000000

 EBFFFF

 009283

 0F9284

 1D9286

 2C9287

 3A9289

 49928A

 58928C

 66928D

 75928F

 839291

Harmonies

Analogous

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



4B9063



009283



0091A2

Triad

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



009283



8879B7



AD764B

Complementary

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



009283



92000F

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.



BC6C62



009283



AB6EA0

Square

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



009283



5384C0



BC6881



938142

Rectangle

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



009283



008FB2



BC6881



B37251

Sweetspot

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



009283



84BDB7



119200



3C5E5B



DEDEDE



5E5E5E

Same Dimension

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



009283



00BDA9



005A92



434A49



008A7C



000A09

Inverse Universe

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



92000F



BD0013



923800



4A4343



8A000E



0A0001

Previews

White Background



This preview shows how the Hex color 009283 looks on a white background.

Color Contrast Check

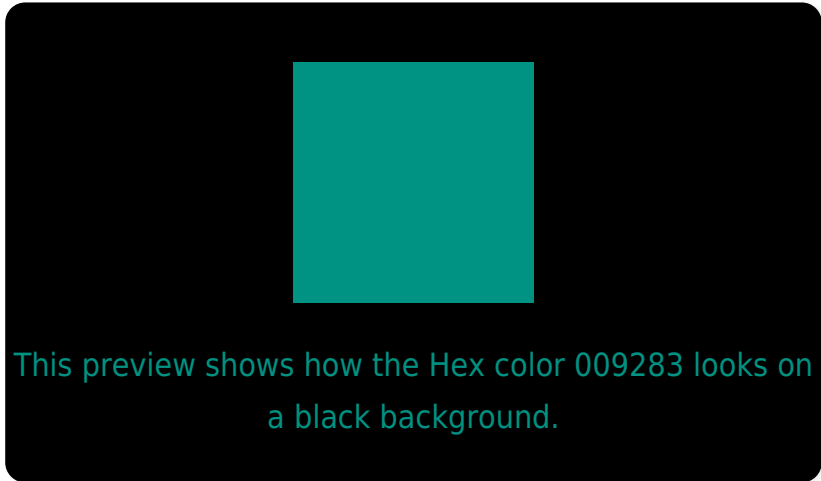
Large Text (above 18pt) WCAG AA ✓ Pass

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

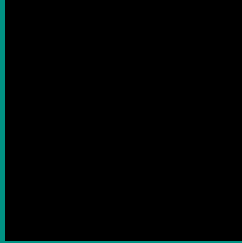
Any Text WCAG AA ✓ Pass

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 009283 Background



This preview shows how black text looks on a background with the Hex color 009283.

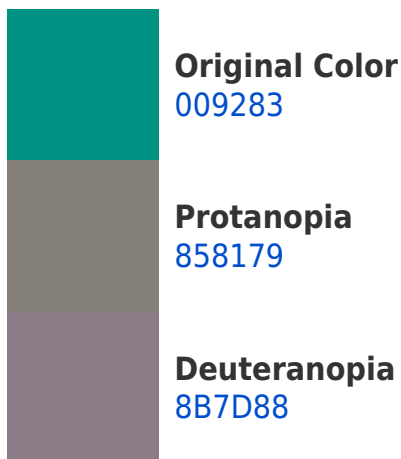


This preview shows how white text looks on a background with the Hex color 009283.

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
258F9A

Trichromacy



Original Color
009283



Protanomaly
55877D



Deuteranomaly
588586



Tritanomaly
189092

Monochromacy



Original Color
009283



Achromatopsia
656565



Achromatomaly
407570

CSS Examples

Text

The CSS property to change the color of the text to Hex 009283 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 #009283 looks like.

```
.text, #text, p{  
    color:#009283  
}
```

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 #009283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009283
}
```

Border

The CSS property to change the border of an element to Hex 009283 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
#009283 }
```

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

```
.border{ border-color:#009283 }
```

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

Here you see how a box with a 4 pixel #009283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009283; -webkit-box-shadow:4px 4px  
4px 4px #009283; box-shadow:4px 4px 4px  
4px #009283 }
```

Background

The CSS property to change the background color of an element to Hex 009283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009283 }
```

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

```
.background{ background-color:#009283 }
```

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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