

Converting Colors

Hex(009275)

Have a look what the booklet for
Hex(009275) contains.

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Color

Hex(009275)

Conversions

Conversions Part 1

Format	Color
Hex	009275
RGB	0, 146, 117
RGB Percent	0%, 57%, 46%
CMY	1.0000, 0.4275, 0.5412
CMYK	1.00, 0.00, 0.20, 0.43
HSL	168°, 100%, 29%
HSV	168°, 100%, 57%
XYZ	13.4898, 21.8421, 20.3346
YIQ	99.0400, -77.7070, -39.9710

Conversions

Conversions Part 2

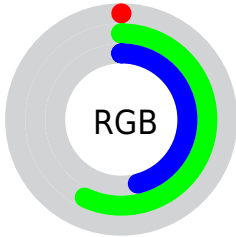
Format	Color
RYB	0, 81, 146
Decimal	37493
CIELab	53.86, -40.31, 6.13
CIELCh	54, 40.769, 171.357
Yxy	21.8421, 0.2423, 0.3924
Android (android.graphics.Color)	4278227573 (0xFF009275)
YUV	99.0400, 8.8543, -86.8581
Hunter-Lab	46.7356, -30.2649, 6.9179

Details

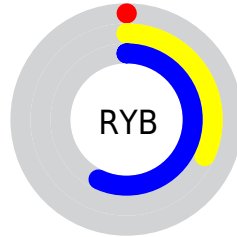
The Hex color **009275** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **92001D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **55C9A9**, and **005E45** is the 20% darker color. If you saturate the color by 10%, you get **009275**, and if you desaturate by 10%, it is **0F9278**.

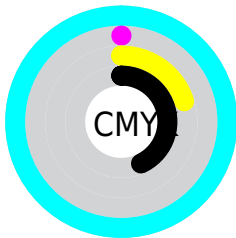
Distribution



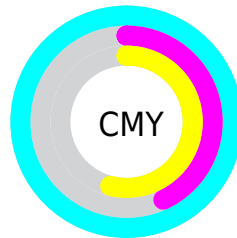
- Red (0%)
- Green (57%)
- Blue (46%)



- Red (0%)
- Yellow (32%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009275 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 009275 by changing the saturation by 10% instead.

 009275

 009275

FFFFFF

 00785C

 55C9A9

 005E45

 73E5C4

 00462F

 90FFE0

 002F1A

 ADFFFD

 001600

 CBFFFF

 000000

 E9FFFF

 009275

 0F9278

 1D927B

 2C927E

 3A9281

 499284

 589286

 669289

 75928C

 83928F

Harmonies

Analogous

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



538E53



009275



009299

Triad

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



009275



737BC2



B76E4B

Complementary

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



009275



92001D

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.



C36569



009275



A26EAD

Square

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



009275



2187C6



BD648C



9E7B3A

Rectangle

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



009275



0091AE



BD648C



BD6A54

Sweetspot

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



009275



84BDB1



1D9200



3C5E58



DEDEDE



5E5E5E

Same Dimension

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



009275



00BD97



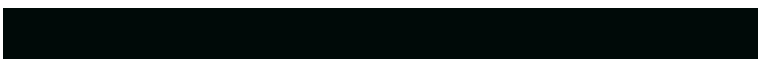
006692



434A48



008A6E



000A08

Inverse Universe

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



92001D



BD0025



922C00



4A4344



8A001B



0A0002

Previews

White Background



This preview shows how the Hex color 009275 looks on a white background.

Color Contrast Check

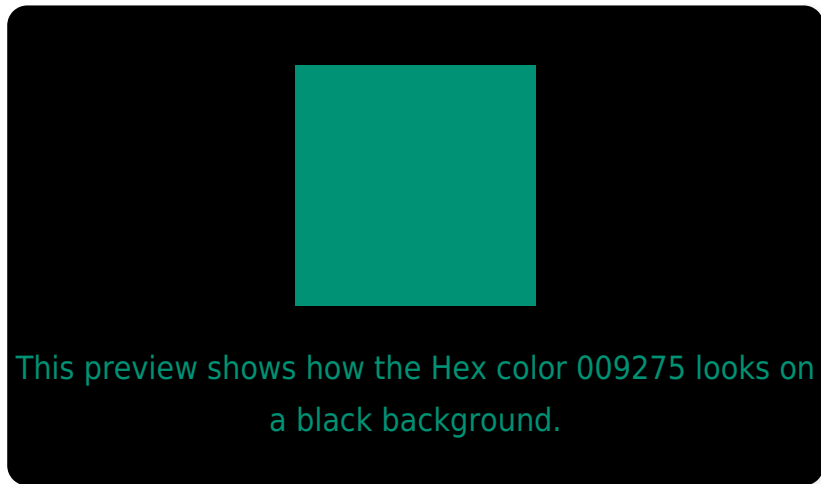
Large Text (above 18pt) WCAG AA ✓ Pass

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

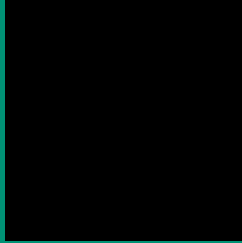
Any Text WCAG AA ✓ Pass

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 009275 Background



This preview shows how black text looks on a background with the Hex color 009275.

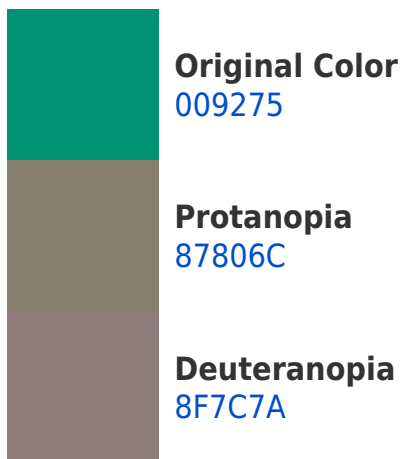


This preview shows how white text looks on a background with the Hex color 009275.

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
2C8D99

Trichromacy



Original Color
009275



Protanomaly
56876F



Deuteranomaly
5B8478



Tritanomaly
1C8F8C

Monochromacy



Original Color
009275



Achromatopsia
636363



Achromatomaly
3F746A

CSS Examples

Text

The CSS property to change the color of the text to Hex 009275 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 #009275 looks like.

```
.text, #text, p{  
    color:#009275  
}
```

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 #009275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009275
}
```

Border

The CSS property to change the border of an element to Hex 009275 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
#009275 }
```

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

```
.border{ border-color:#009275 }
```

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

Here you see how a box with a 4 pixel #009275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009275; -webkit-box-shadow:4px 4px  
4px 4px #009275; box-shadow:4px 4px 4px  
4px #009275 }
```

Background

The CSS property to change the background color of an element to Hex 009275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009275 }
```

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

```
.background{ background-color:#009275 }
```

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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