

Converting Colors

Hex(009259)

Have a look what the booklet for
Hex(009259) contains.

Hex(009259)	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(009259)

Conversions

Conversions Part 1

Format	Color
Hex	009259
RGB	0, 146, 89
RGB Percent	0%, 57%, 35%
CMY	1.0000, 0.4275, 0.6510
CMYK	1.00, 0.00, 0.39, 0.43
HSL	157°, 100%, 29%
HSV	157°, 100%, 57%
XYZ	12.0821, 21.2790, 12.9217
YIQ	95.8480, -68.7190, -48.6790

Conversions

Conversions Part 2

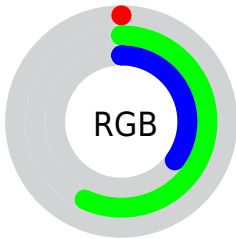
Format	Color
RYB	0, 91, 146
Decimal	37465
CIELab	53.25, -47.10, 21.12
CIELCh	53, 51.621, 155.851
Yxy	21.2790, 0.2610, 0.4598
Android (android.graphics.Color)	4278227545 (0xFF009259)
YUV	95.8480, -3.3761, -84.0587
Hunter-Lab	46.1292, -33.9738, 15.6822

Details

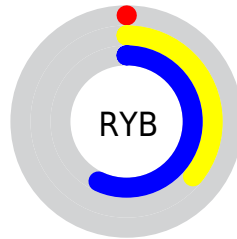
The Hex color **009259** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **920039**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **54C98B**, and **005E2B** is the 20% darker color. If you saturate the color by 10%, you get **009259**, and if you desaturate by 10%, it is **0F925F**.

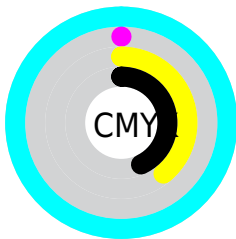
Distribution



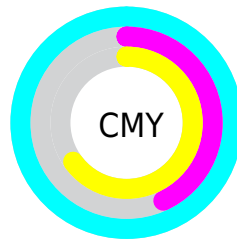
- Red (0%)
- Green (57%)
- Blue (35%)



- Red (0%)
- Yellow (36%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (43%)




- Cyan (100%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009259 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 009259 by changing the saturation by 10% instead.

 009259

 009259

FFFFFF

 007841

 54C98B

 005E2B

 72E6A6

 004515

 8FFFC1

 002E00

 ACFFDD

 001400

 C9FFFA

 000000

 E7FFFF

 009259

 0F925F

 1D9264

 2C926A

 3A9270

 499276

 58927B

 669281

 759287

 83928C

Harmonies

Analogous

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



608B32



009259



009587

Triad

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



009259



2D81D8



CB5E4E

Complementary

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



009259



920039

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.



CF5678



009259



8C70C8

Square

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



009259



008DD0



BC5DA4



B3702C

Rectangle

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



009259



0094A5



BC5DA4



CF5A5B

Sweetspot

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



009259



84BDA7



3A9200



3C5E51



DEDEDE



5E5E5E

Same Dimension

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



009259



00BD73



008392



434A47



008A54



000A06

Inverse Universe

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



920039



BD004A



920F00



4A4345



8A0036



0A0004

Previews

White Background



This preview shows how the Hex color 009259 looks on a white background.

Color Contrast Check

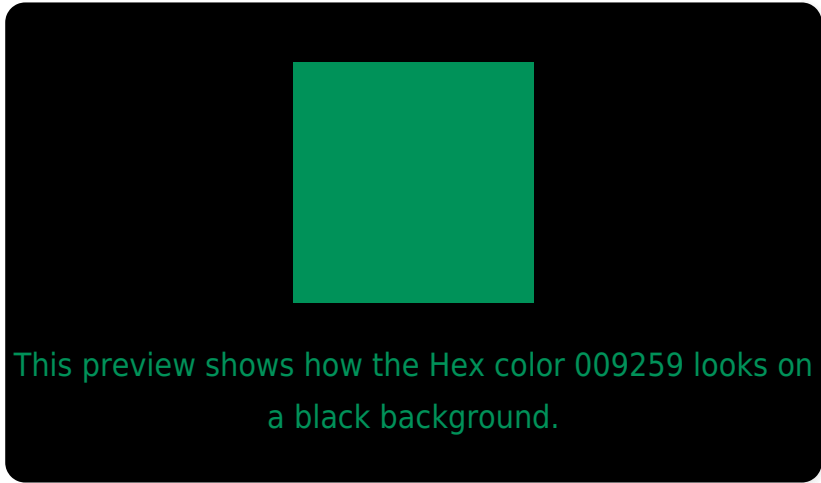
Large Text (above 18pt) WCAG AA ✓ Pass

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 009259 Background



This preview shows how black text looks on a background with the Hex color 009259.



This preview shows how white text looks on a background with the Hex color 009259.

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



Original Color
009259

Protanopia
8A7F51

Deuteranopia
95795F



Tritanopia
358B96

Trichromacy



Original Color
009259



Protanomaly
588654



Deuteranomaly
5F825D



Tritanomaly
228E80

Monochromacy



Original Color
009259



Achromatopsia
606060



Achromatomaly
3D725D

CSS Examples

Text

The CSS property to change the color of the text to Hex 009259 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 #009259 looks like.

```
.text, #text, p{  
    color:#009259  
}
```

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 #009259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009259
}
```

Border

The CSS property to change the border of an element to Hex 009259 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
#009259 }
```

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

```
.border{ border-color:#009259 }
```

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

Here you see how a box with a 4 pixel #009259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009259; -webkit-box-shadow:4px 4px  
4px 4px #009259; box-shadow:4px 4px 4px  
4px #009259 }
```

Background

The CSS property to change the background color of an element to Hex 009259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009259 }
```

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

```
.background{ background-color:#009259 }
```

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