

Converting Colors

Hex(009063)

Have a look what the booklet for
Hex(009063) contains.

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Color

Hex(009063)

Conversions

Conversions Part 1

Format	Color
Hex	009063
RGB	0, 144, 99
RGB Percent	0%, 56%, 39%
CMY	1.0000, 0.4353, 0.6118
CMYK	1.00, 0.00, 0.31, 0.44
HSL	161°, 100%, 28%
HSV	161°, 100%, 56%
XYZ	12.2254, 20.8474, 15.1840
YIQ	95.8140, -71.3790, -44.5230

Conversions

Conversions Part 2

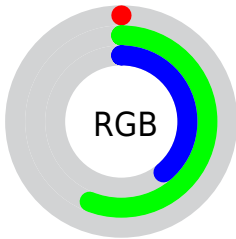
Format	Color
RYB	0, 85, 144
Decimal	36963
CIELab	52.78, -44.08, 14.88
CIELCh	53, 46.523, 161.353
Yxy	20.8474, 0.2533, 0.4320
Android (android.graphics.Color)	4278227043 (0xFF009063)
YUV	95.8140, 1.5707, -84.0289
Hunter-Lab	45.6589, -32.1089, 12.2442

Details

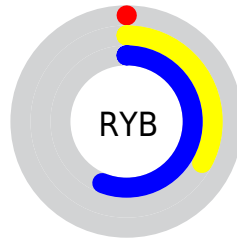
The Hex color **009063** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **90002D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **54C796**, and **005C34** is the 20% darker color. If you saturate the color by 10%, you get **009063**, and if you desaturate by 10%, it is **0E9068**.

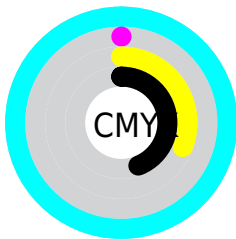
Distribution



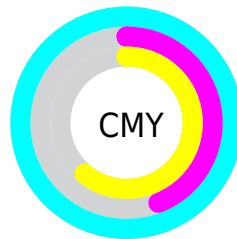
- Red (0%)
- Green (56%)
- Blue (39%)



- Red (0%)
- Yellow (33%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)




- Cyan (100%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009063 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 009063 by changing the saturation by 10% instead.

 009063

 009063

FFFFFF

 00764B

 54C796

 005C34

 71E3B1

 00441F

 8EFFCC

 002D08

 ABFFE8

 001100

 C9FFFF

 000000

 E6FFFF

 009063

 0E9068

 1D906C

 2B9071

 3A9075

 48907A

 56907E

 659083

 739087

 82908B

Harmonies

Analogous

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



5A8A3F



009063



00928C

Triad

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



009063



517DCC



C1644B

Complementary

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



009063



90002D

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.



C85B70



009063



946DBA

Square

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



009063



0089C9



BA5F98



A97330

Rectangle

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



009063



0091A6



BA5F98



C56057

Sweetspot

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



009063



82BAA9



2E9000



3C5E54



DEDEDE



5E5E5E

Same Dimension

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



009063



00BA80



007690



404745



00875D



000805

Inverse Universe

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



90002D



BA003A



901A00



474042



87002A



080002

Previews

White Background



This preview shows how the Hex color 009063 looks on a white background.

Color Contrast Check

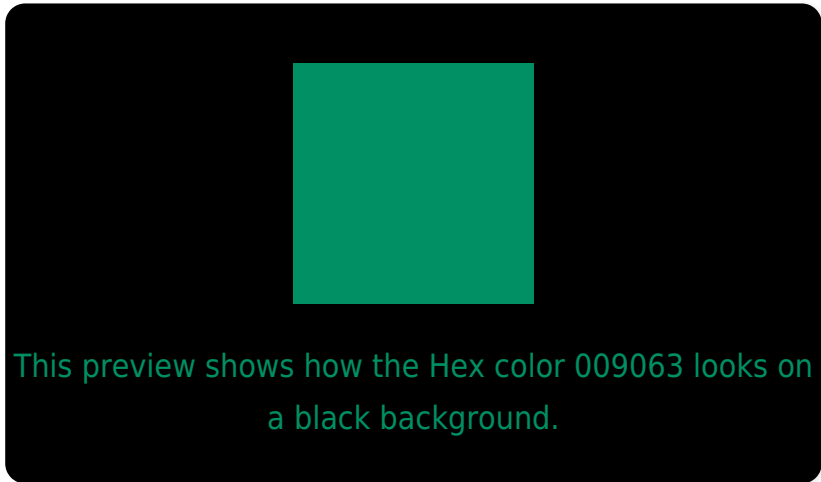
Large Text (above 18pt) WCAG AA ✓ Pass

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 009063 Background



This preview shows how black text looks on a background with the Hex color 009063.

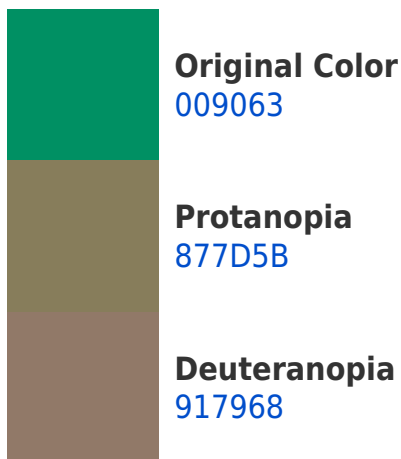


This preview shows how white text looks on a background with the Hex color 009063.

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
318A95

Trichromacy



Original Color
009063



Protanomaly
56845E



Deuteranomaly
5C8166



Tritanomaly
1F8C83

Monochromacy



Original Color
009063



Achromatopsia
606060



Achromatomaly
3D7161

CSS Examples

Text

The CSS property to change the color of the text to Hex 009063 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 #009063 looks like.

```
.text, #text, p{  
    color:#009063  
}
```

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 #009063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009063
}
```

Border

The CSS property to change the border of an element to Hex 009063 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
#009063 }
```

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

```
.border{ border-color:#009063 }
```

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

Here you see how a box with a 4 pixel #009063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009063; -webkit-box-shadow:4px 4px  
4px 4px #009063; box-shadow:4px 4px 4px  
4px #009063 }
```

Background

The CSS property to change the background color of an element to Hex 009063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009063 }
```

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

```
.background{ background-color:#009063 }
```

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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