

Converting Colors

Hex(009061)

Have a look what the booklet for
Hex(009061) contains.

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Color

Hex(009061)

Conversions

Conversions Part 1

Format	Color
Hex	009061
RGB	0, 144, 97
RGB Percent	0%, 56%, 38%
CMY	1.0000, 0.4353, 0.6196
CMYK	1.00, 0.00, 0.33, 0.44
HSL	160°, 100%, 28%
HSV	160°, 100%, 56%
XYZ	12.1309, 20.8096, 14.6865
YIQ	95.5860, -70.7370, -45.1450

Conversions

Conversions Part 2

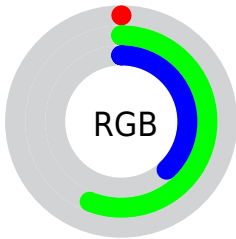
Format	Color
RYB	0, 86, 144
Decimal	36961
CIELab	52.74, -44.55, 15.95
CIELCh	53, 47.322, 160.304
Yxy	20.8096, 0.2547, 0.4369
Android (android.graphics.Color)	4278227041 (0xFF009061)
YUV	95.5860, 0.6971, -83.8289
Hunter-Lab	45.6175, -32.3627, 12.8439

Details

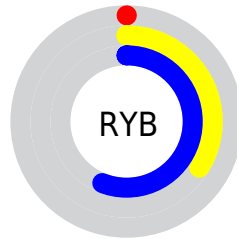
The Hex color **009061** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **90002F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **54C794**, and **005C32** is the 20% darker color. If you saturate the color by 10%, you get **009061**, and if you desaturate by 10%, it is **0E9066**.

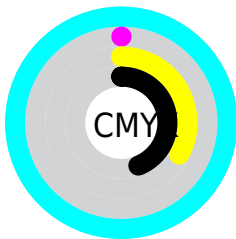
Distribution



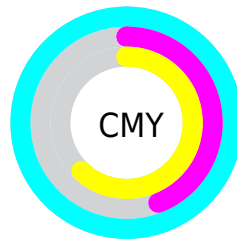
- Red (0%)
- Green (56%)
- Blue (38%)



- Red (0%)
- Yellow (34%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (44%)




- Cyan (100%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009061 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 009061 by changing the saturation by 10% instead.

 009061

 009061

FFFFFF

 007649

 54C794

 005C32

 71E3AF

 00441D

 8EFFCA

 002D05

 ABFFE6

 001100

 C9FFFF

 000000

 E6FFFF

 009061

 0E9066

 1D906A

 2B906F

 3A9074

 489078

 56907D

 659082

 739087

 82908B

Harmonies

Analogous

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



5B8A3D



009061



00928B

Triad

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



009061



4C7ECE



C2634B

Complementary

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



009061



90002F

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.



C95971



009061



936DBC

Square

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



009061



008ACA



BA5E9A



AA722F

Rectangle

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



009061



0091A6



BA5E9A



C65E57

Sweetspot

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



009061



82BAA8



309000



3C5E53



DEDEDE



5E5E5E

Same Dimension

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



009061



00BA7D



007890



404745



00875B



000805

Inverse Universe

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



90002F



BA003D



901800



474043



87002C



080002

Previews

White Background



This preview shows how the Hex color 009061 looks on a white background.

Color Contrast Check

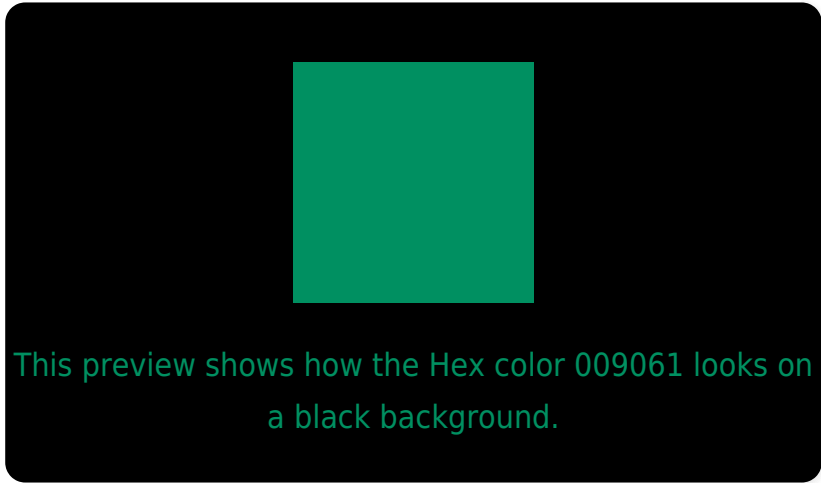
Large Text (above 18pt) WCAG AA ✓ Pass

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 009061 Background



This preview shows how black text looks on a background with the Hex color 009061.

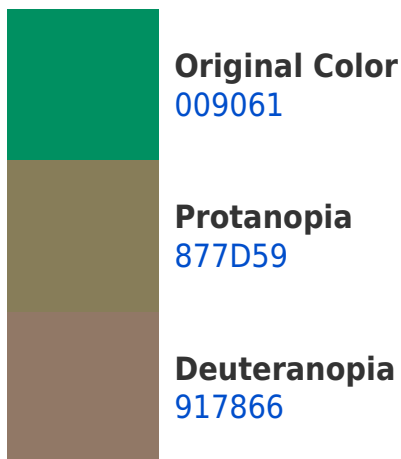


This preview shows how white text looks on a background with the Hex color 009061.

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
328A95

Trichromacy



Original Color
009061



Protanomaly
56845C



Deuteranomaly
5C8164



Tritanomaly
208C82

Monochromacy



Original Color
009061



Achromatopsia
606060



Achromatomaly
3D7160

CSS Examples

Text

The CSS property to change the color of the text to Hex 009061 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 #009061 looks like.

```
.text, #text, p{  
    color:#009061  
}
```

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 #009061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009061
}
```

Border

The CSS property to change the border of an element to Hex 009061 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
#009061 }
```

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

```
.border{ border-color:#009061 }
```

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

Here you see how a box with a 4 pixel #009061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009061; -webkit-box-shadow:4px 4px  
4px 4px #009061; box-shadow:4px 4px 4px  
4px #009061 }
```

Background

The CSS property to change the background color of an element to Hex 009061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009061 }
```

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

```
.background{ background-color:#009061 }
```

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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