

Converting Colors

Hex(009660)

Have a look what the booklet for
Hex(009660) contains.

| | |
|--|----|
| Hex(009660) | 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(009660)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 009660 |
| RGB | 0, 150, 96 |
| RGB Percent | 0%, 59%, 38% |
| CMY | 1.0000, 0.4118, 0.6235 |
| CMYK | 1.00, 0.00, 0.36, 0.41 |
| HSL | 158°, 100%, 29% |
| HSV | 158°, 100%, 59% |
| XYZ | 13.0177, 22.6572, 14.7535 |
| YIQ | 98.9940, -72.0660, -48.5940 |

Conversions

Conversions Part 2

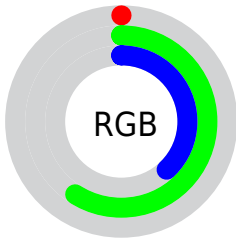
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 91, 150 |
| Decimal | 38496 |
| CIELab | 54.72, -47.08, 19.20 |
| CIELCh | 55, 50.850, 157.814 |
| Yxy | 22.6572, 0.2581, 0.4493 |
| Android (android.graphics.Color) | 4278228576 (0xFF009660) |
| YUV | 98.9940, -1.4760, -86.8177 |
| Hunter-Lab | 47.5996, -34.4826, 14.9428 |

Details

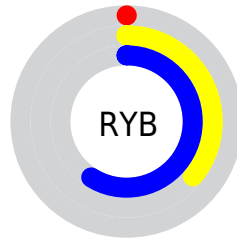
The Hex color **009660** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **960036**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **56CD93**, and **006231** is the 20% darker color. If you saturate the color by 10%, you get **009660**, and if you desaturate by 10%, it is **0F9665**.

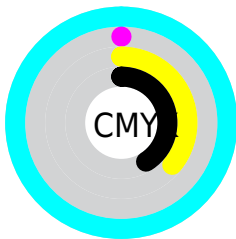
Distribution



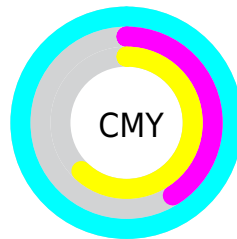
- Red (0%)
- Green (59%)
- Blue (38%)



- Red (0%)
- Yellow (36%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009660 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 009660 by changing the saturation by 10% instead.

 009660

 009660

FFFFFF

 007B48

 56CD93

 006231

 73EAAE

 00491B

 91FFC9

 003103

 AEFFE5

 001900

 CBFFFF

 000000

 E9FFFF

 009660

 0F9665

 1E966B

 2D9670

 3C9676

 4B967B

 5A9680

 699686

 78968B

 879691

Harmonies

Analogous

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



619039



009660



00988E

Triad

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



009660



4084DA



CD644F

Complementary

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



009660



960036

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.



D35B79



009660



9472C9

Square

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



009660



0090D4



C161A5



B5752F

Rectangle

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



009660



0098AB



C161A5



D25F5C

Sweetspot

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



009660



88C2AD



379600



3E6154



E0E0E0



616161

Same Dimension

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



009660



00C27C



008296



434A47



008A58



000A07

Inverse Universe

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



960036



C20046



961400



4A4345



8A0032



0A0004

Previews

White Background



This preview shows how the Hex color 009660 looks on a white background.

Color Contrast Check

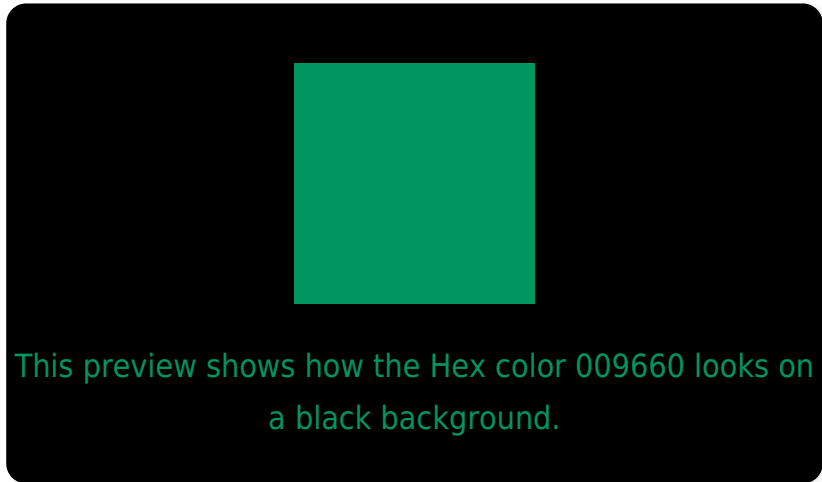
Large Text (above 18pt) WCAG AA ✓ Pass

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 009660 Background



This preview shows how black text looks on a background with the Hex color 009660.

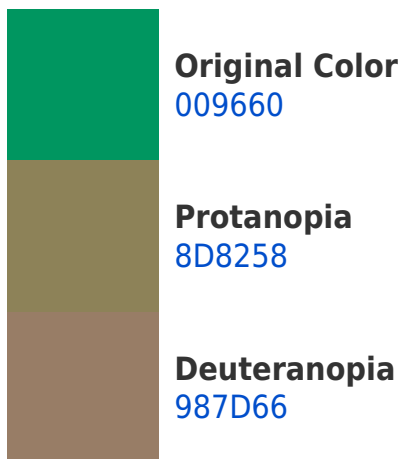


This preview shows how white text looks on a background with the Hex color 009660.

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
358F9A

Trichromacy



Original Color
009660



Protanomaly
5A895B



Deuteranomaly
618664



Tritanomaly
229285

Monochromacy



Original Color
009660



Achromatopsia
636363



Achromatomaly
3F7662

CSS Examples

Text

The CSS property to change the color of the text to Hex 009660 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 #009660 looks like.

```
.text, #text, p{  
    color:#009660  
}
```

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 #009660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009660
}
```

Border

The CSS property to change the border of an element to Hex 009660 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
#009660 }
```

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

```
.border{ border-color:#009660 }
```

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

Here you see how a box with a 4 pixel #009660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009660; -webkit-box-shadow:4px 4px  
4px 4px #009660; box-shadow:4px 4px 4px  
4px #009660 }
```

Background

The CSS property to change the background color of an element to Hex 009660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009660 }
```

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

```
.background{ background-color:#009660 }
```

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