

# Converting Colors

Hex(009763)

Have a look what the booklet for  
Hex(009763) contains.

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**Color**

**Hex(009763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009763
RGB	0, 151, 99
RGB Percent	0%, 59%, 39%
CMY	1.0000, 0.4078, 0.6118
CMYK	1.00, 0.00, 0.34, 0.41
HSL	159°, 100%, 30%
HSV	159°, 100%, 59%
XYZ	13.3187, 23.0341, 15.5484
YIQ	99.9230, -73.3040, -48.1840

# Conversions

## Conversions Part 2

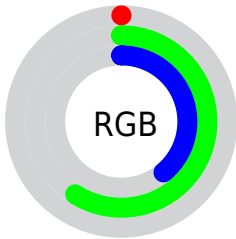
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 151
Decimal	38755
CIELab	55.11, -46.79, 18.06
CIELCh	55, 50.158, 158.894
Yxy	23.0341, 0.2566, 0.4438
Android (android.graphics.Color)	4278228835 (0xFF009763)
YUV	99.9230, -0.4550, -87.6325
Hunter-Lab	47.9938, -34.4537, 14.3877

# Details

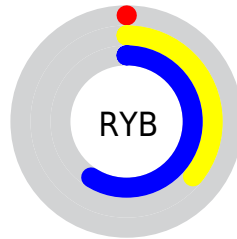
The Hex color **009763** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **970034**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56CE96**, and **006334** is the 20% darker color. If you saturate the color by 10%, you get **009763**, and if you desaturate by 10%, it is **0F9768**.

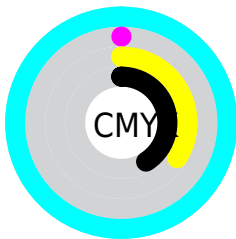
# Distribution



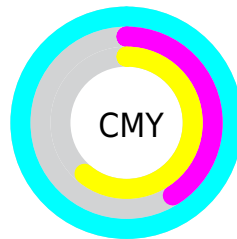
- Red (0%)
- Green (59%)
- Blue (39%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 009763 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 009763 by changing the saturation by 10% instead.



 009763

 009763

FFFFFF

 007C4B

 56CE96

 006334

 74EBB1

 004A1E

 91FFCC

 003207

 AEFFE9

 001A00

 CCFFFF

 000000

 E9FFFF

 009763

 0F9768

 1E976D

 2D9773

 3C9778

 4C977D

 5B9782

 6A9787

 79978D

 889792

# Harmonies

## Analogous

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



61913C



009763



009990

# Triad

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



009763



4884DA



CD6650

# Complementary

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



009763



970034

# 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.



D45C79



009763



9773C8

# Square

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



009763



0091D5



C362A4



B47631

# Rectangle

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



009763



0099AD



C362A4



D2615C



# Sweetspot

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



009763



89C4B0



359700



406357



E3E3E3



636363



# Same Dimension

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



009763



00C481



008097



454D4A



008C5C



000D08



# Inverse Universe

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



970034



C40044



971700



4D4547



8C0030



0D0004



# Previews

## White Background



This preview shows how the Hex color 009763 looks on a white background.

## Color Contrast Check

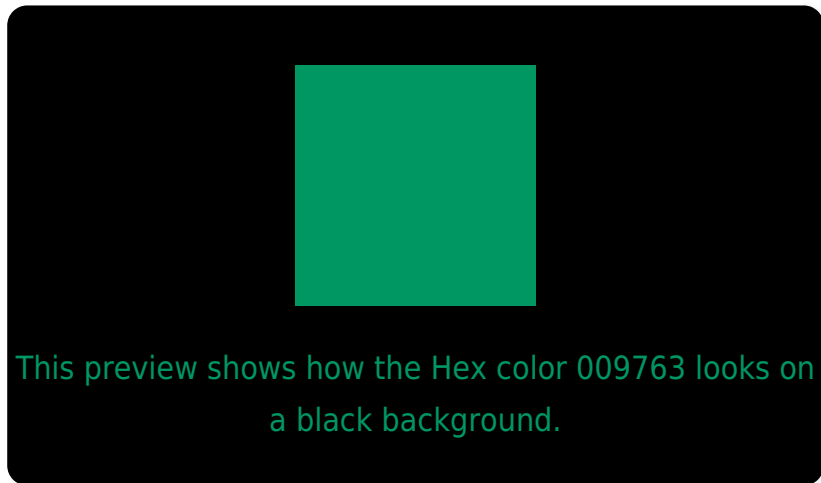
Large Text (above 18pt) WCAG AA ✓ Pass

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

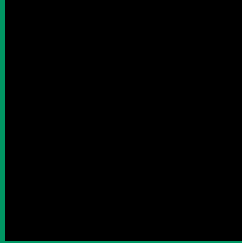
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 009763 Background



This preview shows how black text looks on a background with the Hex color 009763.

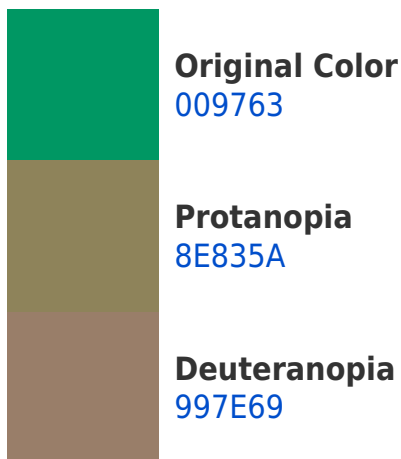


This preview shows how white text looks on a background with the Hex color 009763.

# 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**  
35909C

# Trichromacy



**Original Color**  
009763



**Protanomaly**  
5A8A5D



**Deuteranomaly**  
618767



**Tritanomaly**  
229387

# Monochromacy



**Original Color**  
009763



**Achromatopsia**  
646464



**Achromatomaly**  
407764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009763 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 #009763 looks like.

```
.text, #text, p{  
    color:#009763  
}
```

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 #009763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009763
}
```

## Border

The CSS property to change the border of an element to Hex 009763 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
#009763 }
```

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

```
.border{ border-color:#009763 }
```

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

Here you see how a box with a 4 pixel #009763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009763; -webkit-box-shadow:4px 4px  
4px 4px #009763; box-shadow:4px 4px 4px  
4px #009763 }
```

# Background

The CSS property to change the background color of an element to Hex 009763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009763 }
```

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

```
.background{ background-color:#009763 }
```

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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