

# Converting Colors

Hex(009053)

Have a look what the booklet for  
Hex(009053) contains.

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**Color**

**Hex(009053)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009053
RGB	0, 144, 83
RGB Percent	0%, 56%, 33%
CMY	1.0000, 0.4353, 0.6745
CMYK	1.00, 0.00, 0.42, 0.44
HSL	155°, 100%, 28%
HSV	155°, 100%, 56%
XYZ	11.5346, 20.5711, 11.5463
YIQ	93.9900, -66.2430, -49.4990

# Conversions

## Conversions Part 2

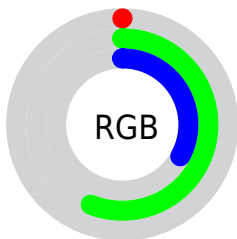
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 144
Decimal	36947
CIELab	52.48, -47.61, 23.40
CIELCh	52, 53.050, 153.829
Yxy	20.5711, 0.2642, 0.4713
Android (android.graphics.Color)	4278227027 (0xFF009053)
YUV	93.9900, -5.4181, -82.4292
Hunter-Lab	45.3553, -33.9764, 16.6550

# Details

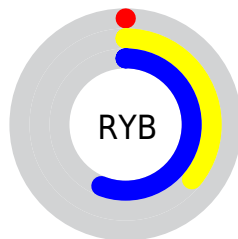
The Hex color **009053** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **90003D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **54C785**, and **005C25** is the 20% darker color. If you saturate the color by 10%, you get **009053**, and if you desaturate by 10%, it is **0E9059**.

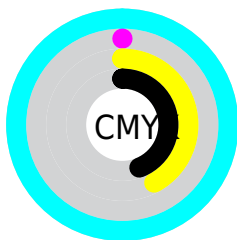
# Distribution



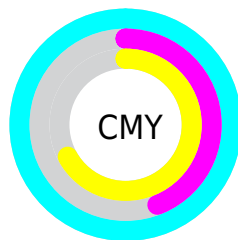
- Red (0%)
- Green (56%)
- Blue (33%)



- Red (0%)
- Yellow (36%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 009053 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 009053 by changing the saturation by 10% instead.



 009053

 009053

FFFFFF

 00763B

 54C785

 005C25

 71E3A0

 00430F

 8EFFBB

 002D00

 ABFFD6

 001000

 C8FFF3

 000000

 E6FFFF

 009053

 0E9059

 1D905F

 2B9065

 3A906B

 489072

 569078

 65907E

 739084

 82908A

# Harmonies

## Analogous

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



60892B



009053



009382

# Triad

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



009053



0481D8



CB5A4D

# Complementary

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



009053



90003D

# 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.



CF5279



009053



866FC9

# Square

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



009053



008CCF



B95BA6



B46C29

# Rectangle

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



009053



0093A1



B95BA6



CF555B



# Sweetspot

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



009053



82BAA2



3E9000



3C5E50



DEDEDE



5E5E5E



# Same Dimension

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



009053



00BA6B



008690



404744



00874E



000804



# Inverse Universe

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



90003D



BA004F



900A00



474043



870039



080003



# Previews

## White Background



This preview shows how the Hex color 009053 looks on a white background.

## Color Contrast Check

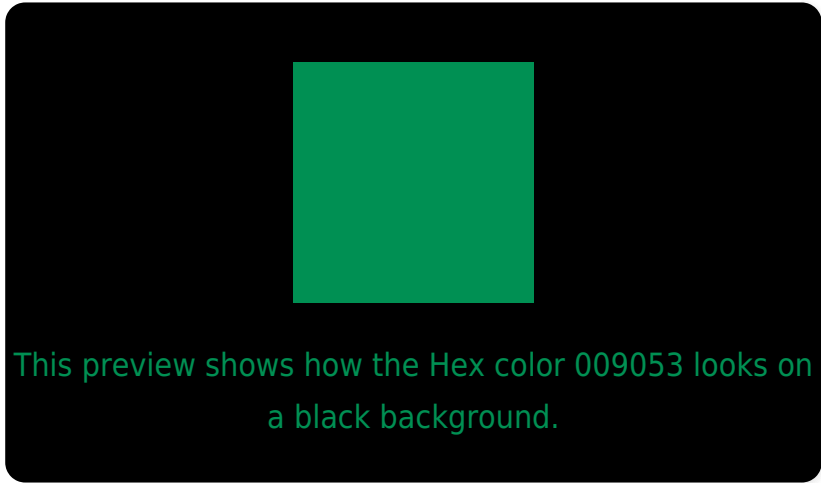
Large Text (above 18pt) WCAG AA ✓ Pass

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 009053 Background



This preview shows how black text looks on a background with the Hex color 009053.

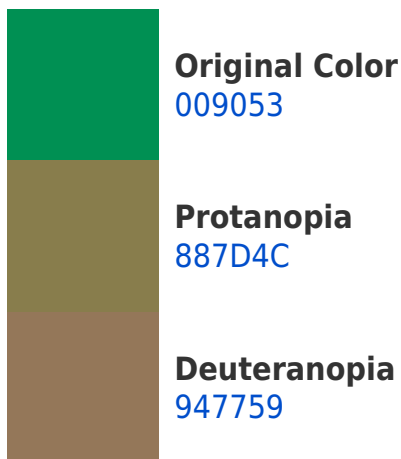


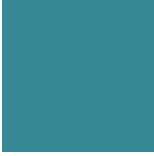
This preview shows how white text looks on a background with the Hex color 009053.

# 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**  
358894

# Trichromacy



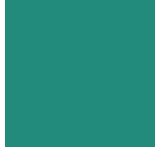
**Original Color**  
009053



**Protanomaly**  
57844F



**Deuteranomaly**  
5E8057



**Tritanomaly**  
228B7C

# Monochromacy



**Original Color**  
009053



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
3C705A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009053 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 #009053 looks like.

```
.text, #text, p{  
    color:#009053  
}
```

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 #009053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009053
}
```

## Border

The CSS property to change the border of an element to Hex 009053 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
#009053 }
```

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

```
.border{ border-color:#009053 }
```

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

Here you see how a box with a 4 pixel #009053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009053; -webkit-box-shadow:4px 4px  
4px 4px #009053; box-shadow:4px 4px 4px  
4px #009053 }
```

# Background

The CSS property to change the background color of an element to Hex 009053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009053 }
```

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

```
.background{ background-color:#009053 }
```

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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