

# Converting Colors

Hex(009B53)

Have a look what the booklet for  
Hex(009B53) contains.

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**Color**

**Hex(009B53)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009B53
RGB	0, 155, 83
RGB Percent	0%, 61%, 33%
CMY	1.0000, 0.3922, 0.6745
CMYK	1.00, 0.00, 0.46, 0.39
HSL	152°, 100%, 30%
HSV	152°, 100%, 61%
XYZ	13.2827, 24.0672, 12.1290
YIQ	100.4470, -69.2680, -55.2520

# Conversions

## Conversions Part 2

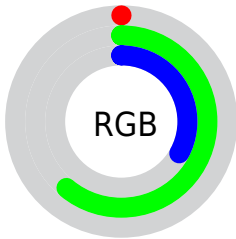
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 101, 155
Decimal	39763
CIELab	56.16, -51.54, 28.17
CIELCh	56, 58.741, 151.339
Yxy	24.0672, 0.2685, 0.4864
Android (android.graphics.Color)	4278229843 (0xFF009B53)
YUV	100.4470, -8.6014, -88.0920
Hunter-Lab	49.0584, -37.5228, 19.6822

# Details

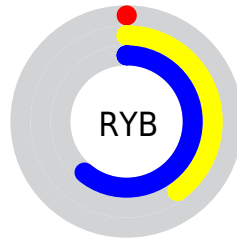
The Hex color **009B53** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9B0048**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **57D386**, and **006624** is the 20% darker color. If you saturate the color by 10%, you get **009B53**, and if you desaturate by 10%, it is **0F9B5A**.

# Distribution



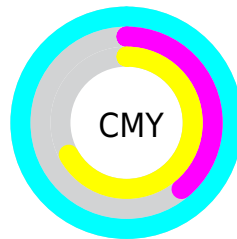
- Red (0%)
- Green (61%)
- Blue (33%)



- Red (0%)
- Yellow (40%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009B53 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 009B53 by changing the saturation by 10% instead.



 009B53

 009B53

FFFFFF

 00803B

 57D386

 006624

 75EFA0

 004D0C

 93FFBB

 003500

 B0FFD7

 001E00

 CDFFF4

 000000

 EBFFFF

 009B53

 0F9B5A

 1F9B61

 2F9B69

 3E9B70

 4E9B77

 5D9B7E

 6C9B85

 7C9B8D

 8B9B94

# Harmonies

## Analogous

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



6B9326



009B53



009F87

# Triad

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



009B53



008CED



DF5D55

# Complementary

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



009B53



9B0048

# 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.



E05486



009B53



8978DE

# Square

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



009B53



0098E0



C661B8



C6712A

# Rectangle

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



009B53



009FAA



C661B8



E25865



# Sweetspot

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



009B53



8DC9AD



489B00



416655



E6E6E6



666666



# Same Dimension

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



009B53



00C96C



00969B



454D49



008C4B



000D07



# Inverse Universe

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



9B0048



C9005E



9B0500



4D4548



8C0041



0D0006



# Previews

## White Background



This preview shows how the Hex color 009B53 looks on a white background.

## Color Contrast Check

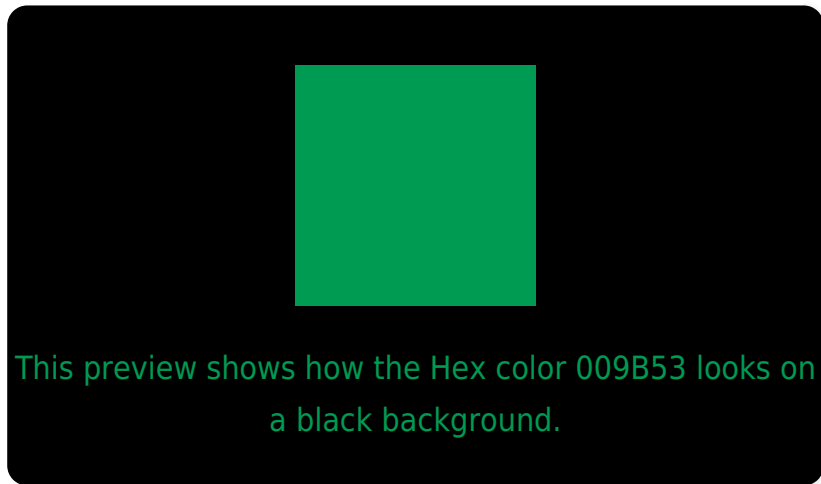
Large Text (above 18pt) WCAG AA ✓ Pass

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 009B53 Background



This preview shows how black text looks on a background with the Hex color 009B53.

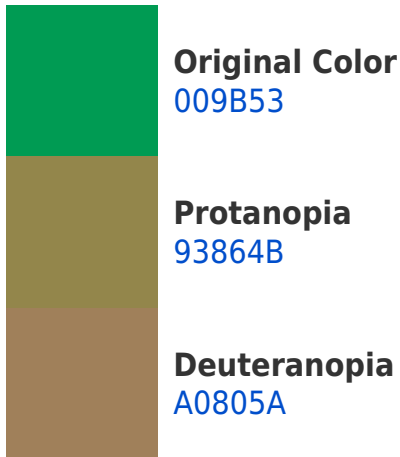


This preview shows how white text looks on a background with the Hex color 009B53.

# 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**  
3A929E

# Trichromacy



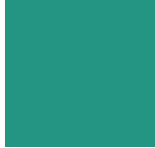
**Original Color**  
009B53



**Protanomaly**  
5E8E4E



**Deuteranomaly**  
668A57



**Tritanomaly**  
259583

# Monochromacy



**Original Color**  
009B53



**Achromatopsia**  
646464



**Achromatomaly**  
40785E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009B53 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 #009B53 looks like.

```
.text, #text, p{  
    color:#009B53  
}
```

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 #009B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009B53
}
```

## Border

The CSS property to change the border of an element to Hex 009B53 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
#009B53 }
```

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

```
.border{ border-color:#009B53 }
```

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

Here you see how a box with a 4 pixel #009B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009B53; -webkit-box-shadow:4px 4px  
4px 4px #009B53; box-shadow:4px 4px 4px  
4px #009B53 }
```

# Background

The CSS property to change the background color of an element to Hex 009B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009B53 }
```

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

```
.background{ background-color:#009B53 }
```

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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