

Converting Colors

Hex(009537)

Have a look what the booklet for
Hex(009537) contains.

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Color

Hex(009537)

Conversions

Conversions Part 1

Format	Color
Hex	009537
RGB	0, 149, 55
RGB Percent	0%, 58%, 22%
CMY	1.0000, 0.4157, 0.7843
CMYK	1.00, 0.00, 0.63, 0.42
HSL	142°, 100%, 29%
HSV	142°, 100%, 58%
XYZ	11.4370, 21.7707, 7.2138
YIQ	93.7330, -58.6300, -60.8220

Conversions

Conversions Part 2

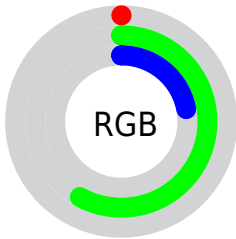
Format	Color
RYB	0, 109, 149
Decimal	38199
CIELab	53.78, -53.94, 39.39
CIELCh	54, 66.791, 143.863
Yxy	21.7707, 0.2829, 0.5386
Android (android.graphics.Color)	4278228279 (0xFF009537)
YUV	93.7330, -19.0954, -82.2038
Hunter-Lab	46.6591, -37.8997, 23.4948

Details

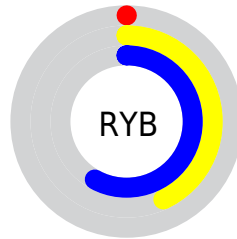
The Hex color **009537** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **95005E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **56CC69**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **009537**, and if you desaturate by 10%, it is **0F9540**.

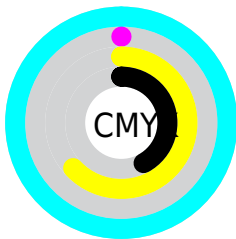
Distribution



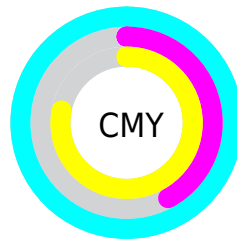
- Red (0%)
- Green (58%)
- Blue (22%)



- Red (0%)
- Yellow (43%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)




- Cyan (100%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009537 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 009537 by changing the saturation by 10% instead.

 009537

 009537

FFFFFF

 007A1E

 56CC69

 006100

 74E983

 004700

 91FF9E

 003100

 AFFFBA

 001600

 CCFFD6

 000000

 EAFFF2

 009537

 0F9540

 1E954A

 2D9553

 3C955D

 4B9566

 59956F

 689579

 779582

 86958C

Harmonies

Analogous

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



6E8B00



009537



009A72

Triad

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



009537



008BF4



E44756

Complementary

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



009537



95005E

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.



E0438F



009537



6476EB

Square

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



009537



0096DD



BA5AC5



CE6120

Rectangle

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



009537



009B9B



BA5AC5



E64268

Sweetspot

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



009537



88C29D



5E9500



3E614B



E0E0E0



616161

Same Dimension

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



009537



00C248



009581



434A45



008A33



000A04

Inverse Universe

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



95005E



C2007A



950014



4A4347



8A0057



0A0006

Previews

White Background



This preview shows how the Hex color 009537 looks on a white background.

Color Contrast Check

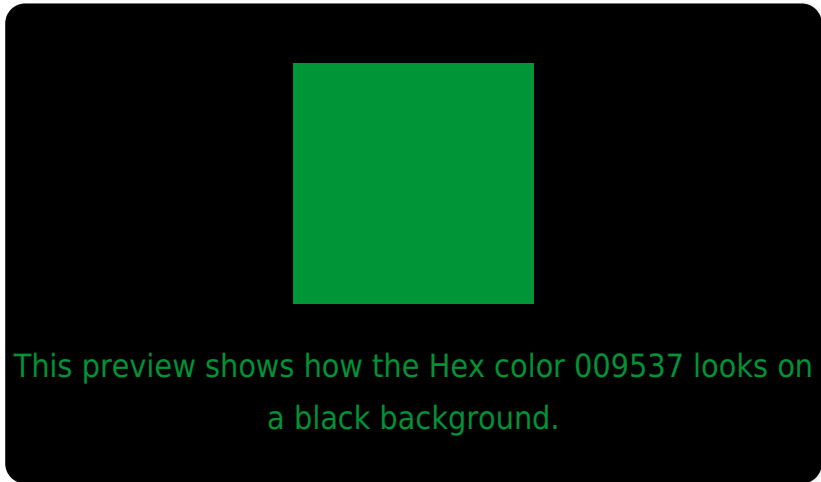
Large Text (above 18pt) WCAG AA ✓ Pass

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 009537 Background



This preview shows how black text looks on a background with the Hex color 009537.



This preview shows how white text looks on a background with the Hex color 009537.

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



Original Color
009537

Protanopia
8F8031

Deuteranopia
9D7A3F



Tritanopia
3C8C97

Trichromacy



Original Color
009537



Protanomaly
5B8833



Deuteranomaly
64843C



Tritanomaly
268F74

Monochromacy



Original Color
009537



Achromatopsia
5E5E5E



Achromatomaly
3C7250

CSS Examples

Text

The CSS property to change the color of the text to Hex 009537 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 #009537 looks like.

```
.text, #text, p{  
    color:#009537  
}
```

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 #009537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009537
}
```

Border

The CSS property to change the border of an element to Hex 009537 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
#009537 }
```

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

```
.border{ border-color:#009537 }
```

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

Here you see how a box with a 4 pixel #009537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009537; -webkit-box-shadow:4px 4px  
4px 4px #009537; box-shadow:4px 4px 4px  
4px #009537 }
```

Background

The CSS property to change the background color of an element to Hex 009537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009537 }
```

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

```
.background{ background-color:#009537 }
```

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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