

Converting Colors

Hex(009C5C)

Have a look what the booklet for
Hex(009C5C) contains.

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Color

Hex(009C5C)

Conversions

Conversions Part 1

Format	Color
Hex	009C5C
RGB	0, 156, 92
RGB Percent	0%, 61%, 36%
CMY	1.0000, 0.3882, 0.6392
CMYK	1.00, 0.00, 0.41, 0.39
HSL	155°, 100%, 31%
HSV	155°, 100%, 61%
XYZ	13.8202, 24.5496, 14.1354
YIQ	102.0600, -72.4320, -52.9760

Conversions

Conversions Part 2

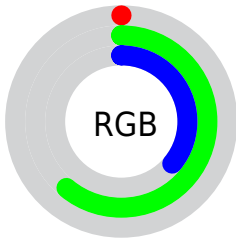
Format	Color
RYB	0, 98, 156
Decimal	40028
CIELab	56.63, -50.15, 23.96
CIELCh	57, 55.584, 154.464
Yxy	24.5496, 0.2632, 0.4676
Android (android.graphics.Color)	4278230108 (0xFF009C5C)
YUV	102.0600, -4.9596, -89.5066
Hunter-Lab	49.5476, -36.9196, 17.7685

Details

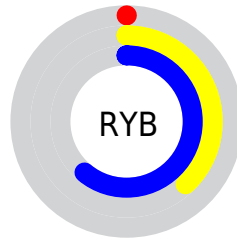
The Hex color **009C5C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C0040**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **57D48F**, and **00672D** is the 20% darker color. If you saturate the color by 10%, you get **009C5C**, and if you desaturate by 10%, it is **109C62**.

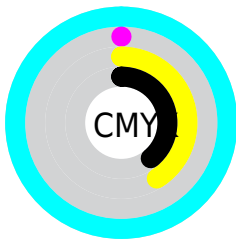
Distribution



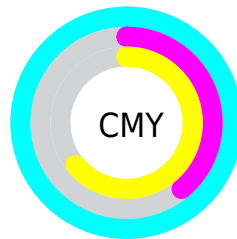
- Red (0%)
- Green (61%)
- Blue (36%)



- Red (0%)
- Yellow (38%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C5C 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 009C5C by changing the saturation by 10% instead.

 009C5C

 009C5C

FFFFFF

 008144

 57D48F

 00672D

 75F0AA

 004E17

 93FFC5

 003600

 B0FFE1

 001F00

 CEFFFE

 000000

 ECFFFF

 009C5C

 109C62

 1F9C69

 2F9C6F

 3E9C76

 4E9C7C

 5E9C82

 6D9C89

 7D9C8F

 8C9C96

Harmonies

Analogous

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



689532



009C5C



009F8E

Triad

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



009C5C



1A8BE9



DB6354

Complementary

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



009C5C



9C0040

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.



DF5A83



009C5C



9378D8

Square

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



009C5C



0098DF



C864B2



C2762E

Rectangle

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



009C5C



009FAF



C864B2



DF5E63

Sweetspot

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



009C5C



8FCCB3



419C00



416657



E6E6E6



666666

Same Dimension

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



009C5C



00CC78



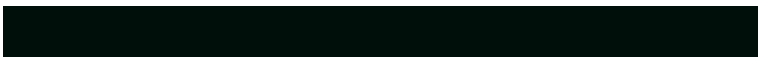
008F9C



474F4C



008F54



000F09

Inverse Universe

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



9C0040



CC0054



9C0D00



4F474A



8F003B



0F0006

Previews

White Background



This preview shows how the Hex color 009C5C looks on a white background.

Color Contrast Check

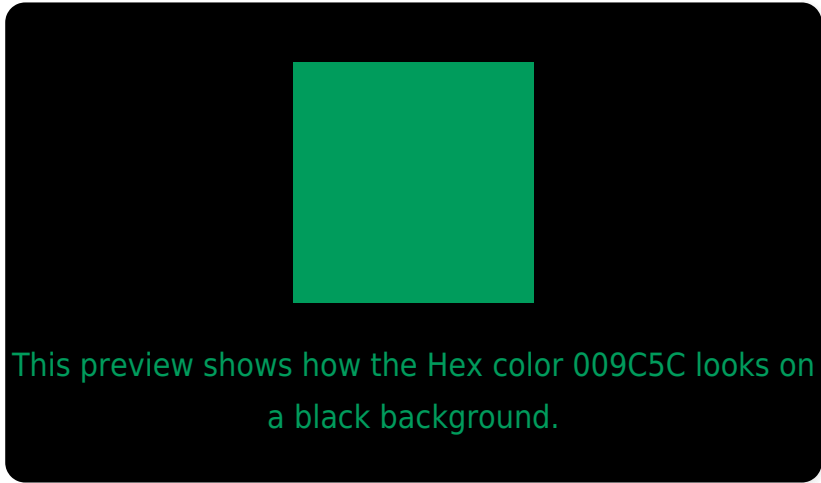
Large Text (above 18pt) WCAG AA ✓ Pass

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

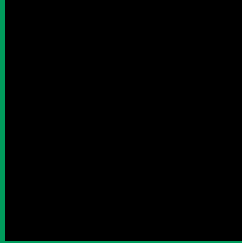
Any Text WCAG AA ✓ Pass

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 009C5C Background



This preview shows how black text looks on a background with the Hex color 009C5C.



This preview shows how white text looks on a background with the Hex color 009C5C.

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
009C5C

Protanopia
938754

Deuteranopia
A08162



Tritanopia
3994A0

Trichromacy



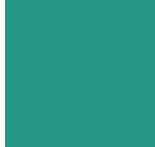
Original Color
009C5C



Protanomaly
5E8F57



Deuteranomaly
668B60



Tritanomaly
249787

Monochromacy



Original Color
009C5C



Achromatopsia
666666



Achromatomaly
417A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C5C 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 #009C5C looks like.

```
.text, #text, p{  
    color:#009C5C  
}
```

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 #009C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C5C
}
```

Border

The CSS property to change the border of an element to Hex 009C5C 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
#009C5C }
```

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

```
.border{ border-color:#009C5C }
```

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

Here you see how a box with a 4 pixel #009C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C5C; -webkit-box-shadow:4px 4px  
4px 4px #009C5C; box-shadow:4px 4px 4px  
4px #009C5C }
```

Background

The CSS property to change the background color of an element to Hex 009C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C5C }
```

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

```
.background{ background-color:#009C5C }
```

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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