

Converting Colors

Hex(009C57)

Have a look what the booklet for
Hex(009C57) contains.

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Color

Hex(009C57)

Conversions

Conversions Part 1

Format	Color
Hex	009C57
RGB	0, 156, 87
RGB Percent	0%, 61%, 34%
CMY	1.0000, 0.3882, 0.6588
CMYK	1.00, 0.00, 0.44, 0.39
HSL	153°, 100%, 31%
HSV	153°, 100%, 61%
XYZ	13.6088, 24.4651, 13.0218
YIQ	101.4900, -70.8270, -54.5310

Conversions

Conversions Part 2

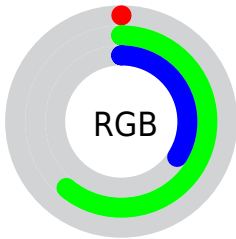
Format	Color
RYB	0, 100, 156
Decimal	40023
CIELab	56.55, -51.14, 26.55
CIELCh	57, 57.623, 152.564
Yxy	24.4651, 0.2663, 0.4788
Android (android.graphics.Color)	4278230103 (0xFF009C57)
YUV	101.4900, -7.1436, -89.0067
Hunter-Lab	49.4622, -37.4472, 19.0144

Details

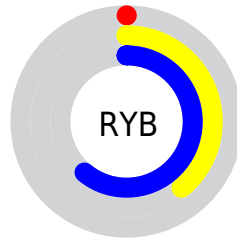
The Hex color **009C57** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C0045**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **57D48A**, and **006728** is the 20% darker color. If you saturate the color by 10%, you get **009C57**, and if you desaturate by 10%, it is **109C5E**.

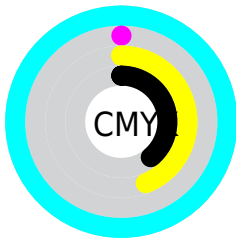
Distribution



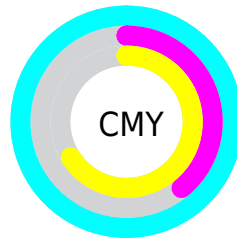
- Red (0%)
- Green (61%)
- Blue (34%)



- Red (0%)
- Yellow (39%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C57 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 009C57 by changing the saturation by 10% instead.

 009C57

 009C57

FFFFFF

 00813F

 57D48A

 006728

 75F0A4

 004E11

 93FFC0

 003600

 B0FFDC

 001F00

 CEFFF8

 000000

 ECFFFF

 009C57

 109C5E

 1F9C65

 2F9C6C

 3E9C73

 4E9C7A

 5E9C80

 6D9C87

 7D9C8E

 8C9C95

Harmonies

Analogous

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



6A942B



009C57



009F8B

Triad

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



009C57



008CEC



DE6055

Complementary

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



009C57



9C0045

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.



E15785



009C57



8E78DD

Square

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



009C57



0099E0



C763B7



C5742C

Rectangle

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



009C57



009FAD



C763B7



E25B64

Sweetspot

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



009C57



8FCCB1



469C00



416656



E6E6E6



666666

Same Dimension

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



009C57



00CC72



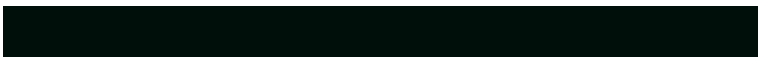
00949C



474F4C



008F50



000F09

Inverse Universe

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



9C0045



CC005A



9C0800



4F474B



8F003F



0F0007

Previews

White Background



This preview shows how the Hex color 009C57 looks on a white background.

Color Contrast Check

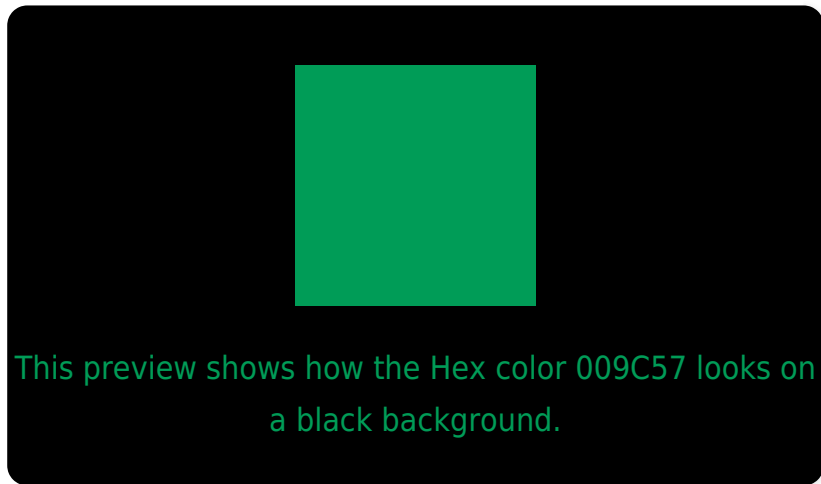
Large Text (above 18pt) WCAG AA ✓ Pass

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

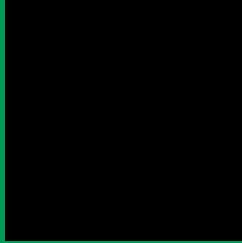
Any Text WCAG AA ✓ Pass

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 009C57 Background



This preview shows how black text looks on a background with the Hex color 009C57.



This preview shows how white text looks on a background with the Hex color 009C57.

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
009C57

Protanopia
94874F

Deuteranopia
A1815D



Tritanopia
3A94A0

Trichromacy



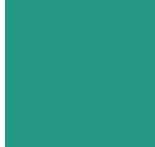
Original Color
009C57



Protanomaly
5E8F52



Deuteranomaly
668B5B



Tritanomaly
259785

Monochromacy



Original Color
009C57



Achromatopsia
656565



Achromatomaly
407960

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C57 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 #009C57 looks like.

```
.text, #text, p{  
    color:#009C57  
}
```

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 #009C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C57
}
```

Border

The CSS property to change the border of an element to Hex 009C57 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
#009C57 }
```

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

```
.border{ border-color:#009C57 }
```

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

Here you see how a box with a 4 pixel #009C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C57; -webkit-box-shadow:4px 4px  
4px 4px #009C57; box-shadow:4px 4px 4px  
4px #009C57 }
```

Background

The CSS property to change the background color of an element to Hex 009C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C57 }
```

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

```
.background{ background-color:#009C57 }
```

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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