

Converting Colors

Hex(009E5A)

Have a look what the booklet for
Hex(009E5A) contains.

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Color

Hex(009E5A)

Conversions

Conversions Part 1

Format	Color
Hex	009E5A
RGB	0, 158, 90
RGB Percent	0%, 62%, 35%
CMY	1.0000, 0.3804, 0.6471
CMYK	1.00, 0.00, 0.43, 0.38
HSL	154°, 100%, 31%
HSV	154°, 100%, 62%
XYZ	14.0723, 25.1919, 13.7937
YIQ	103.0060, -72.3400, -54.6440

Conversions

Conversions Part 2

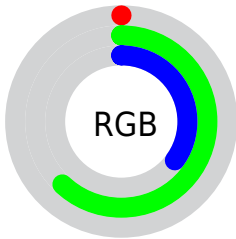
Format	Color
RYB	0, 101, 158
Decimal	40538
CIELab	57.26, -51.27, 25.87
CIELCh	57, 57.427, 153.229
Yxy	25.1919, 0.2652, 0.4748
Android (android.graphics.Color)	4278230618 (0xFF009E5A)
YUV	103.0060, -6.4120, -90.3363
Hunter-Lab	50.1915, -37.7887, 18.8399

Details

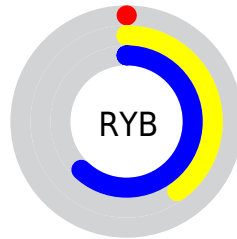
The Hex color **009E5A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9E0044**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **58D68D**, and **00692B** is the 20% darker color. If you saturate the color by 10%, you get **009E5A**, and if you desaturate by 10%, it is **109E61**.

Distribution



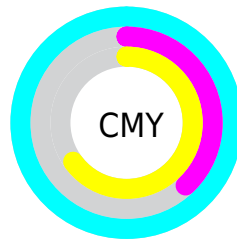
- Red (0%)
- Green (62%)
- Blue (35%)



- Red (0%)
- Yellow (40%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009E5A 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 009E5A by changing the saturation by 10% instead.

 009E5A

 009E5A

FFFFFF

 008342

 58D68D

 00692B

 76F3A7

 005014

 94FFC3

 003700

 B1FFDF

 002100

 CFFFC

 000000

 EDFFFF

 009E5A

 109E61

 209E68

 2F9E6E

 3F9E75

 4F9E7C

 5F9E83

 6F9E8A

 7E9E90

 8E9E97

Harmonies

Analogous

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



6B962E



009E5A



00A18E

Triad

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



009E5A



008DEE



DF6255

Complementary

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



009E5A



9E0044

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.



E35986



009E5A



917ADE

Square

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



009E5A



009AE3



CA64B8



C6762D

Rectangle

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



009E5A



00A1B0



CA64B8



E35D65

Sweetspot

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



009E5A



91CFB4



449E00



436958



E8E8E8



696969

Same Dimension

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



009E5A



00CF76



00939E



474F4C



008F51



000F09

Inverse Universe

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



9E0044



CF0059



9E0B00



4F474B



8F003D



0F0007

Previews

White Background



This preview shows how the Hex color 009E5A looks on a white background.

Color Contrast Check

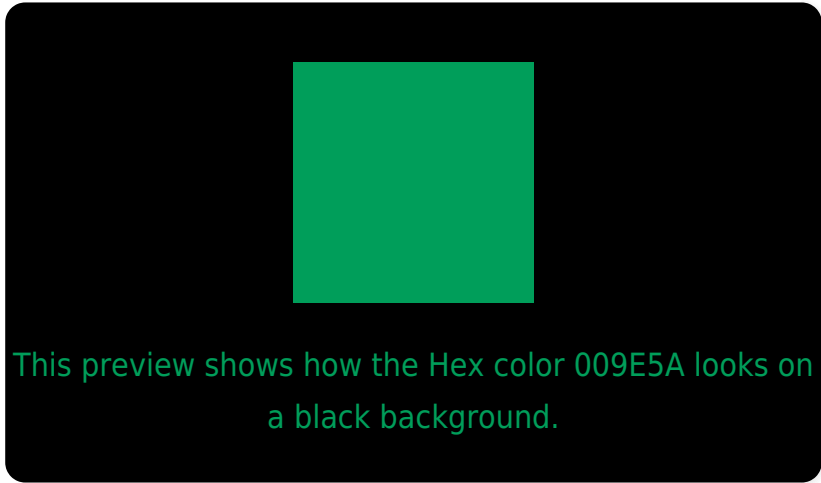
Large Text (above 18pt) WCAG AA ✓ Pass

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 009E5A Background



This preview shows how black text looks on a background with the Hex color 009E5A.



This preview shows how white text looks on a background with the Hex color 009E5A.

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
3A96A2

Trichromacy



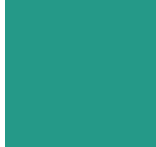
Original Color
009E5A



Protanomaly
5F9155



Deuteranomaly
688D5E



Tritanomaly
259988

Monochromacy



Original Color
009E5A



Achromatopsia
676767



Achromatomaly
427B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 009E5A 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 #009E5A looks like.

```
.text, #text, p{  
    color:#009E5A  
}
```

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 #009E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009E5A
}
```

Border

The CSS property to change the border of an element to Hex 009E5A 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
#009E5A }
```

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

```
.border{ border-color:#009E5A }
```

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

Here you see how a box with a 4 pixel #009E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009E5A; -webkit-box-shadow:4px 4px  
4px 4px #009E5A; box-shadow:4px 4px 4px  
4px #009E5A }
```

Background

The CSS property to change the background color of an element to Hex 009E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009E5A }
```

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

```
.background{ background-color:#009E5A }
```

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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