

Converting Colors

Hex(009A55)

Have a look what the booklet for
Hex(009A55) contains.

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Color

Hex(009A55)

Conversions

Conversions Part 1

Format	Color
Hex	009A55
RGB	0, 154, 85
RGB Percent	0%, 60%, 33%
CMY	1.0000, 0.3961, 0.6667
CMYK	1.00, 0.00, 0.45, 0.40
HSL	153°, 100%, 30%
HSV	153°, 100%, 60%
XYZ	13.1953, 23.7671, 12.4864
YIQ	100.0880, -69.6350, -54.1070

Conversions

Conversions Part 2

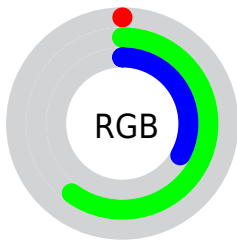
Format	Color
RYB	0, 99, 154
Decimal	39509
CIELab	55.85, -50.82, 26.72
CIELCh	56, 57.412, 152.265
Yxy	23.7671, 0.2668, 0.4806
Android (android.graphics.Color)	4278229589 (0xFF009A55)
YUV	100.0880, -7.4384, -87.7772
Hunter-Lab	48.7515, -37.0015, 18.9405

Details

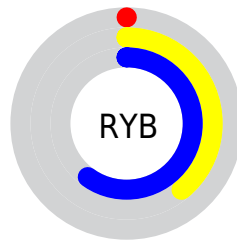
The Hex color **009A55** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9A0045**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **57D288**, and **006526** is the 20% darker color. If you saturate the color by 10%, you get **009A55**, and if you desaturate by 10%, it is **0F9A5C**.

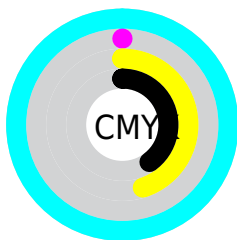
Distribution



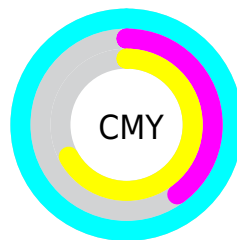
- Red (0%)
- Green (60%)
- Blue (33%)



- Red (0%)
- Yellow (39%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009A55 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 009A55 by changing the saturation by 10% instead.

 009A55

 009A55

FFFFFF

 007F3D

 57D288

 006526

 75EEA2

 004C0F

 92FFBD

 003400

 AFFFD9

 001D00

 CDFFF6

 000000

 EBFFFF

 009A55

 0F9A5C

 1F9A63

 2E9A6A

 3E9A71

 4D9A78

 5C9A7E

 6C9A85

 7B9A8C

 8B9A93

Harmonies

Analogous

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



699229



009A55



009D88

Triad

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



009A55



008AEA



DC5E54

Complementary

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



009A55



9A0045

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.



DE5584



009A55



8B77DB

Square

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



009A55



0097DE



C561B5



C3722B

Rectangle

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



009A55



009DAA



C561B5



DF5963

Sweetspot

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



009A55



8DC9AE



459A00



416656



E6E6E6



666666

Same Dimension

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



009A55



00C96F



00929A



454D49



008C4D



000D07

Inverse Universe

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



9A0045



C9005A



9A0800



4D4548



8C003F



0D0006

Previews

White Background



This preview shows how the Hex color 009A55 looks on a white background.

Color Contrast Check

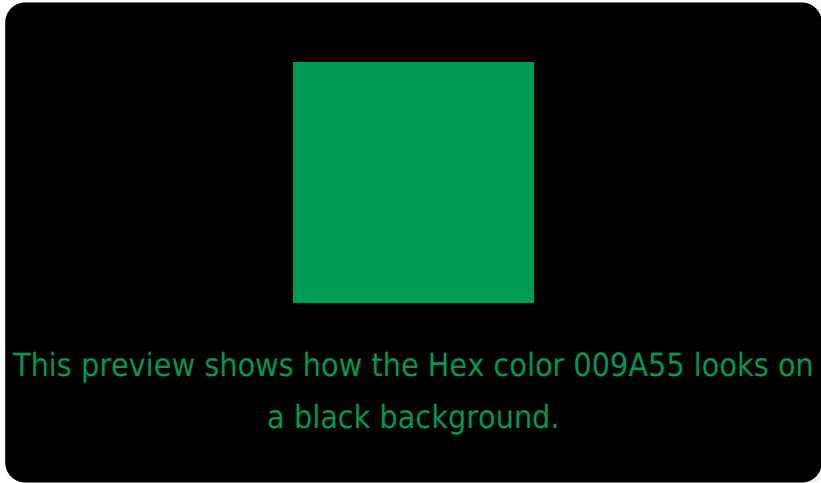
Large Text (above 18pt) WCAG AA ✓ Pass

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 009A55 Background



This preview shows how black text looks on a background with the Hex color 009A55.

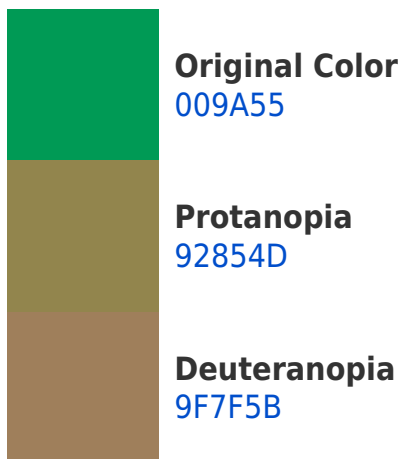


This preview shows how white text looks on a background with the Hex color 009A55.

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
39929E

Trichromacy



Original Color
009A55



Protanomaly
5D8D50



Deuteranomaly
658959



Tritanomaly
249583

Monochromacy



Original Color
009A55



Achromatopsia
646464



Achromatomaly
40785F

CSS Examples

Text

The CSS property to change the color of the text to Hex 009A55 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 #009A55 looks like.

```
.text, #text, p{  
    color:#009A55  
}
```

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 #009A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A55
}
```

Border

The CSS property to change the border of an element to Hex 009A55 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
#009A55 }
```

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

```
.border{ border-color:#009A55 }
```

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

Here you see how a box with a 4 pixel #009A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A55; -webkit-box-shadow:4px 4px  
4px 4px #009A55; box-shadow:4px 4px 4px  
4px #009A55 }
```

Background

The CSS property to change the background color of an element to Hex 009A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A55 }
```

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

```
.background{ background-color:#009A55 }
```

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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