

Converting Colors

Hex(0AAB63)

Have a look what the booklet for
Hex(0AAB63) contains.

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Color

Hex(0AAB63)

Conversions

Conversions Part 1

Format	Color
Hex	0AAB63
RGB	10, 171, 99
RGB Percent	4%, 67%, 39%
CMY	0.9608, 0.3294, 0.6118
CMYK	0.94, 0.00, 0.42, 0.33
HSL	153°, 89%, 35%
HSV	153°, 94%, 67%
XYZ	16.9402, 30.0912, 16.7197
YIQ	114.6530, -72.8440, -56.5240

Conversions

Conversions Part 2

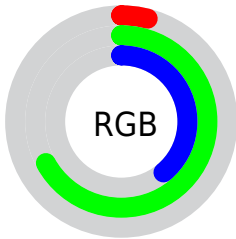
Format	Color
RYB	10, 114, 171
Decimal	699235
CIELab	61.73, -53.67, 26.92
CIELCh	62, 60.047, 153.361
Yxy	30.0912, 0.2657, 0.4720
Android (android.graphics.Color)	4278889315 (0xFF0AAB63)
YUV	114.6530, -7.7169, -91.7807
Hunter-Lab	54.8554, -40.8735, 20.3275

Details

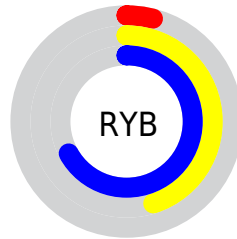
The Hex color **0AAB63** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB0A52**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5EE397**, and **007533** is the 20% darker color. If you saturate the color by 10%, you get **00AB5F**, and if you desaturate by 10%, it is **1BAB6B**.

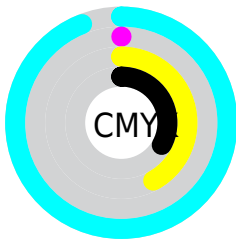
Distribution



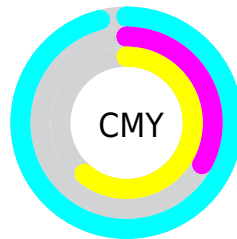
- Red (4%)
- Green (67%)
- Blue (39%)



- Red (4%)
- Yellow (45%)
- Blue (67%)



- Cyan (94%)
- Magenta (0%)
- Yellow (42%)
- Black (33%)



- Cyan (96%)
- Magenta (33%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AAB63 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 0AAB63 by changing the saturation by 10% instead.

 0AAB63

 0AAB63

FFFFFF

 00904B

 5EE397

 007533

 7DFFB1

 005B1C

 9AFFCD

 004304

 B8FFE9

 002C00

 D6FFFF

 000C00

 F4FFFF

 000000

 0AAB63

 0AAB63

 00AB5F

 1BAB6B

 2CAB72

 3DAB7A

 4EAB82

 5FAB89

 71AB91

 82AB99

 93ABA0

 A4ABA8

Harmonies

Analogous

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



75A335



0AAB63



00AE9A

Triad

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



0AAB63



0099FF



F16C5E

Complementary

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



0AAB63



AB0A52

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.



F46291



0AAB63



9E84EE

Square

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



0AAB63



00A7F4



DA6EC6



D68133

Rectangle

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



0AAB63



00AEBE



DA6EC6



F5676E

Sweetspot

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



0AAB63



A0DEC2



52AB0A



4A705F



F0F0F0



707070

Same Dimension

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



0AAB63



00DE7B



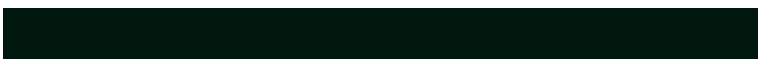
0AA3AB



4E5753



009653



00170D

Inverse Universe

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



AB0A52



DE0063



AB120A



574E52



960043



17000A

Previews

White Background



This preview shows how the Hex color 0AAB63 looks on a white background.

Color Contrast Check

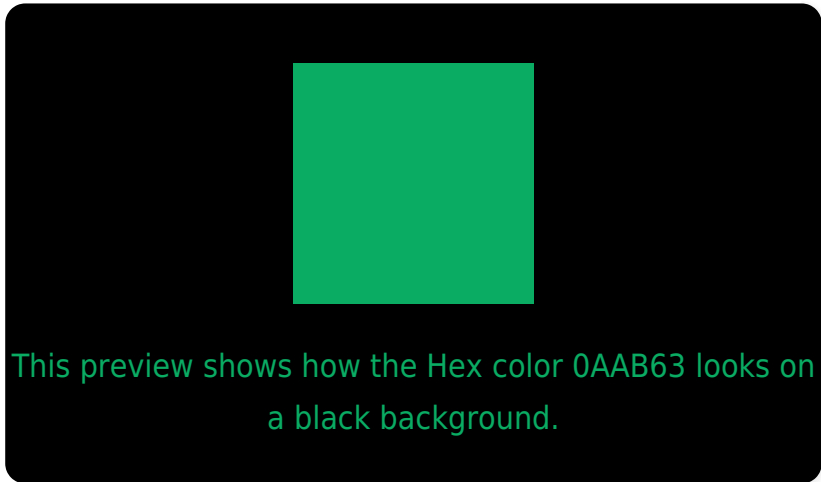
Large Text (above 18pt) WCAG AA × Fail

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

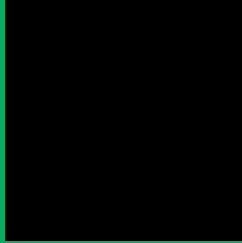
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0AAB63 Background



This preview shows how black text looks on a background with the Hex color 0AAB63.

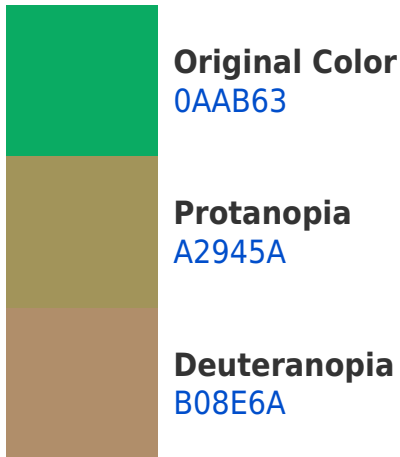


This preview shows how white text looks on a background with the Hex color 0AAB63.

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
3FA2AF

Trichromacy



Original Color
0AAB63



Protanomaly
6B9C5D



Deuteranomaly
749967



Tritanomaly
2CA593

Monochromacy



Original Color
0AAB63



Achromatopsia
737373



Achromatomaly
4D876D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AAB63 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 #0AAB63 looks like.

```
.text, #text, p{  
    color:#0AAB63  
}
```

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 #0AAB63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AAB63  
}
```

Border

The CSS property to change the border of an element to Hex 0AAB63 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  
#0AAB63 }
```

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

```
.border{ border-color:#0AAB63 }
```

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

Here you see how a box with a 4 pixel #0AAB63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AAB63; -webkit-box-shadow:4px 4px  
4px 4px #0AAB63; box-shadow:4px 4px 4px  
4px #0AAB63 }
```

Background

The CSS property to change the background color of an element to Hex 0AAB63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AAB63 }
```

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

```
.background{ background-color:#0AAB63 }
```

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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