

# Converting Colors

Hex(0AA965)

Have a look what the booklet for  
Hex(0AA965) contains.

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**Color**

**Hex(0AA965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0AA965
RGB	10, 169, 101
RGB Percent	4%, 66%, 40%
CMY	0.9608, 0.3373, 0.6039
CMYK	0.94, 0.00, 0.40, 0.34
HSL	154°, 89%, 35%
HSV	154°, 94%, 66%
XYZ	16.6621, 29.3800, 17.1047
YIQ	113.7070, -72.9360, -54.8560

# Conversions

## Conversions Part 2

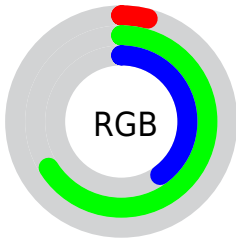
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 111, 169
Decimal	698725
CIELab	61.12, -52.56, 25.04
CIElCh	61, 58.222, 154.524
Yxy	29.3800, 0.2639, 0.4653
Android (android.graphics.Color)	4278888805 (0xFF0AA965)
YUV	113.7070, -6.2646, -90.9510
Hunter-Lab	54.2034, -39.9850, 19.2325

# Details

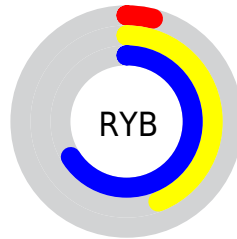
The Hex color **0AA965** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A90A4E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5DE199**, and **007335** is the 20% darker color. If you saturate the color by 10%, you get **00A961**, and if you desaturate by 10%, it is **1BA96C**.

# Distribution



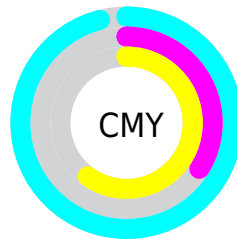
- Red (4%)
- Green (66%)
- Blue (40%)



- Red (4%)
- Yellow (44%)
- Blue (66%)



- Cyan (94%)
- Magenta (0%)
- Yellow (40%)
- Black (34%)



- Cyan (96%)
- Magenta (34%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0AA965 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 0AA965 by changing the saturation by 10% instead.



 0AA965

 0AA965

FFFFFF

 008E4D

 5DE199

 007335

 7CFEB4

 005A1E

 9AFFCF

 004107

 B7FFEC

 002B00

 D5FFFF

 000800

 F3FFFF

 000000

 0AA965

 0AA965

 00A961

 1BA96C

 2CA973

 3DA97B

 4EA982

 5EA989

 6FA990

 80A998

 91A99F

 A2A9A6

# Harmonies

## Analogous

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



72A138



0AA965



00AC9A

# Triad

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



0AA965



2597FA



EC6C5C

# Complementary

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



0AA965



A90A4E

# 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.



F0638E



0AA965



9F83E9

# Square

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



0AA965



00A4F0



D86DC1



D18034

# Rectangle

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



0AA965



00ACBD



D86DC1



F0676C



# Sweetspot

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



0AA965



9EDBC1



4FA90A



486E5E



EDEDED



6E6E6E



# Same Dimension

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



0AA965



00DB7E



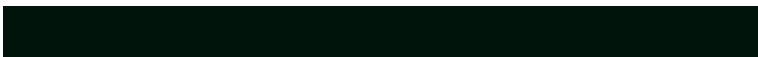
0A9EA9



4C5451



009455



00140C



# Inverse Universe

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



A90A4E



DB005E



A9150A



544C4F



94003F



140009



# Previews

## White Background



This preview shows how the Hex color 0AA965 looks on a white background.

## Color Contrast Check

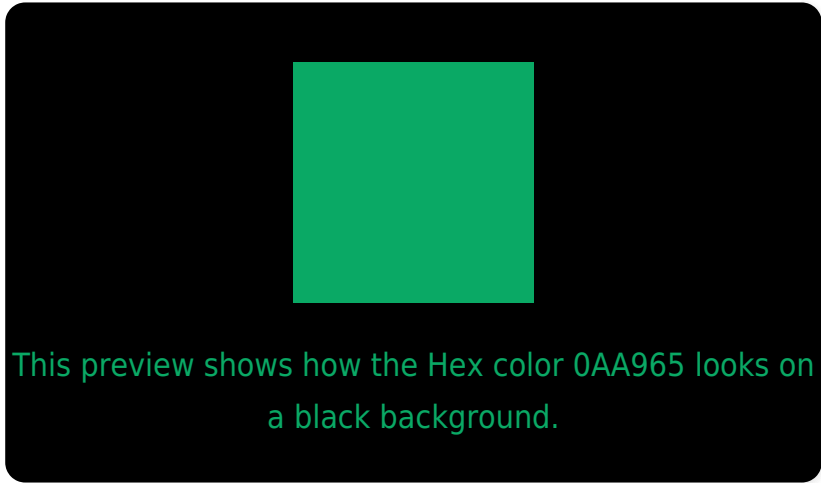
Large Text (above 18pt) WCAG AA ✓ Pass

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

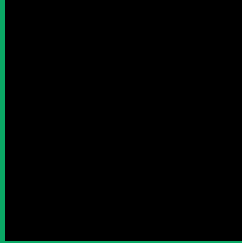
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0AA965 Background



This preview shows how black text looks on a background with the Hex color 0AA965.

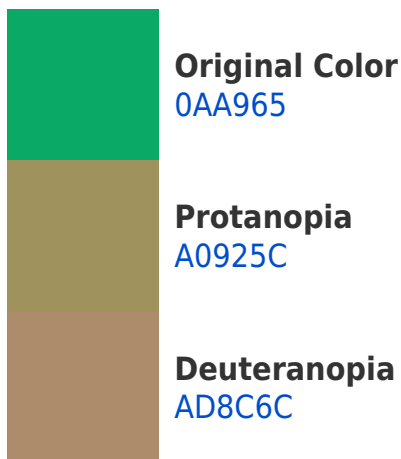


This preview shows how white text looks on a background with the Hex color 0AA965.

# 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





# Trichromacy



**Original Color**  
0AA965



**Protanomaly**  
699A5F



**Deuteranomaly**  
729769



**Tritanomaly**  
2BA393

# Monochromacy



**Original Color**  
0AA965



**Achromatopsia**  
727272



**Achromatomaly**  
4C866D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0AA965 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 #0AA965 looks like.

```
.text, #text, p{  
    color:#0AA965  
}
```

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 #0AA965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AA965
}
```

## Border

The CSS property to change the border of an element to Hex 0AA965 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
#0AA965 }
```

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

```
.border{ border-color:#0AA965 }
```

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

Here you see how a box with a 4 pixel #0AA965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AA965; -webkit-box-shadow:4px 4px  
4px 4px #0AA965; box-shadow:4px 4px 4px  
4px #0AA965 }
```

# Background

The CSS property to change the background color of an element to Hex 0AA965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AA965 }
```

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

```
.background{ background-color:#0AA965 }
```

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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