

# Converting Colors

Hex(0A995D)

Have a look what the booklet for  
Hex(0A995D) contains.

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# Color

**Hex(0A995D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A995D
RGB	10, 153, 93
RGB Percent	4%, 60%, 36%
CMY	0.9608, 0.4000, 0.6353
CMYK	0.93, 0.00, 0.39, 0.40
HSL	155°, 88%, 32%
HSV	155°, 93%, 60%
XYZ	13.4922, 23.6373, 14.2073
YIQ	103.4030, -65.9680, -48.9760

# Conversions

## Conversions Part 2

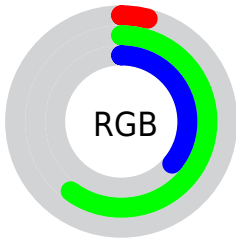
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 100, 153
Decimal	694621
CIELab	55.72, -48.32, 22.22
CIELCh	56, 53.187, 155.307
Yxy	23.6373, 0.2628, 0.4604
Android (android.graphics.Color)	4278884701 (0xFF0A995D)
YUV	103.4030, -5.1287, -81.9144
Hunter-Lab	48.6182, -35.5458, 16.7070

# Details

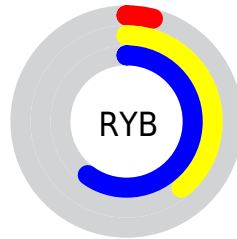
The Hex color **0A995D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **990A46**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **59D090**, and **00642E** is the 20% darker color. If you saturate the color by 10%, you get **009959**, and if you desaturate by 10%, it is **199963**.

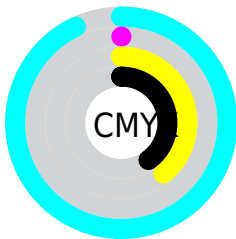
# Distribution



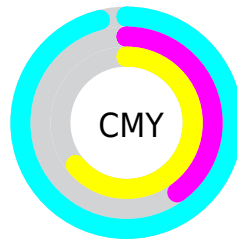
- Red (4%)
- Green (60%)
- Blue (36%)



- Red (4%)
- Yellow (39%)
- Blue (60%)



- Cyan (93%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)



- Cyan (96%)
- Magenta (40%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A995D 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 0A995D by changing the saturation by 10% instead.



 0A995D

 0A995D

FFFFFF

 007E45

 59D090

 00642E

 76EDAA

 004B18

 94FFC6

 003400

 B1FFE2

 001C00

 CEFFFF

 000000

 ECFFFF

 0A995D

 0A995D

 009959

 199963

 29996A

 389970

 479977

 56997D

 669984

 75998A

 849990

 949997

# Harmonies

## Analogous

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



669235



0A995D



009C8D

# Triad

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



0A995D



2D88E2



D56353

# Complementary

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



0A995D



990A46

# 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.



D95A7F



0A995D



9276D1

# Square

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



0A995D



0094D9



C463AD



BC752F

# Rectangle

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



0A995D



009BAC



C463AD



D85F61



# Sweetspot

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



0A995D



8FC7B0



48990A



426355



E3E3E3



636363



# Same Dimension

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



0A995D



00C773



0A8F99



454D49



008C51



000D07



# Inverse Universe

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



990A46



C70053



99140A



4D4548



8C003B



0D0005



# Previews

## White Background



This preview shows how the Hex color 0A995D looks on a white background.

## Color Contrast Check

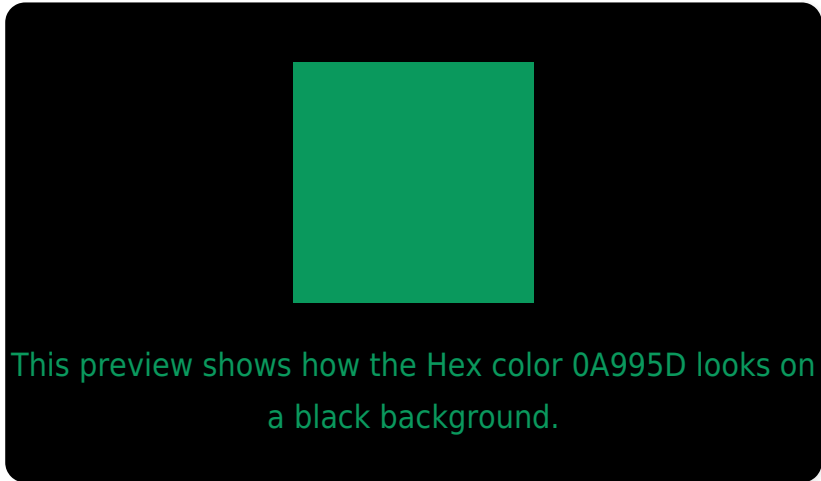
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A995D Background



This preview shows how black text looks on a background with the Hex color 0A995D.



This preview shows how white text looks on a background with the Hex color 0A995D.

# 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**  
0A995D

**Protanopia**  
908555

**Deuteranopia**  
9C7F63



**Tritanopia**  
38919D

# Trichromacy



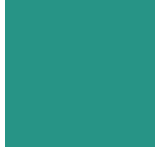
**Original Color**  
0A995D



**Protanomaly**  
5F8C58



**Deuteranomaly**  
678861



**Tritanomaly**  
279486

# Monochromacy



**Original Color**  
0A995D



**Achromatopsia**  
676767



**Achromatomaly**  
457963

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A995D 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 #0A995D looks like.

```
.text, #text, p{  
    color:#0A995D  
}
```

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 #0A995D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A995D
}
```

## Border

The CSS property to change the border of an element to Hex 0A995D 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
#0A995D }
```

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

```
.border{ border-color:#0A995D }
```

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

Here you see how a box with a 4 pixel #0A995D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A995D; -webkit-box-shadow:4px 4px  
4px 4px #0A995D; box-shadow:4px 4px 4px  
4px #0A995D }
```

# Background

The CSS property to change the background color of an element to Hex 0A995D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A995D }
```

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

```
.background{ background-color:#0A995D }
```

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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