

# Converting Colors

Hex(0A6943)

Have a look what the booklet for  
Hex(0A6943) contains.

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**Color**

**Hex(0A6943)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A6943
RGB	10, 105, 67
RGB Percent	4%, 41%, 26%
CMY	0.9608, 0.5882, 0.7373
CMYK	0.90, 0.00, 0.36, 0.59
HSL	156°, 83%, 23%
HSV	156°, 90%, 41%
XYZ	6.1899, 10.5729, 7.0247
YIQ	72.2630, -44.4220, -31.9580

# Conversions

## Conversions Part 2

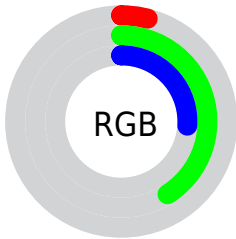
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 69, 105
Decimal	682307
CIELab	38.85, -35.27, 14.36
CIELCh	39, 38.076, 157.848
Yxy	10.5729, 0.2602, 0.4445
Android (android.graphics.Color)	4278872387 (0xFF0A6943)
YUV	72.2630, -2.5947, -54.6047
Hunter-Lab	32.5160, -22.9232, 9.9523

# Details

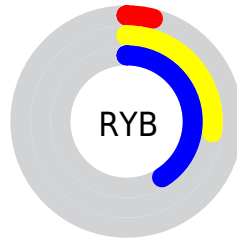
The Hex color **0A6943** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **690A30**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4A9D73**, and **003818** is the 20% darker color. If you saturate the color by 10%, you get **00693F**, and if you desaturate by 10%, it is **146947**.

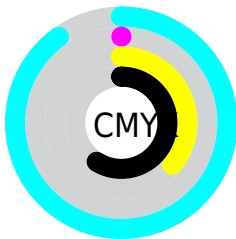
# Distribution



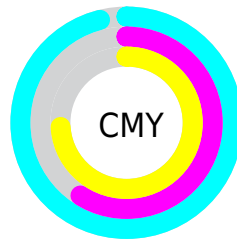
- Red (4%)
- Green (41%)
- Blue (26%)



- Red (4%)
- Yellow (27%)
- Blue (41%)



- Cyan (90%)
- Magenta (0%)
- Yellow (36%)
- Black (59%)



- Cyan (96%)
- Magenta (59%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A6943 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 0A6943 by changing the saturation by 10% instead.



 0A6943

 0A6943

FFFFFF

 00502D

 4A9D73

 003818

 66B88D

 002400

 81D4A7

 000000

 9CF1C3

 B9FFDF

 D5FFFB

 F2FFFF

 0A6943

 0A6943

■ 00693F

■ 146947

■ 1F694B

■ 296950

■ 346954

■ 3E6958

■ 49695C

■ 536960

■ 5E6965

■ 686969

# Harmonies

## Analogous

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



446428



0A6943



006B63

# Triad

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



0A6943



2F5C99



904637

# Complementary

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



0A6943



690A30

# 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.



944055



0A6943



68508D

# Square

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



0A6943



006594



874473



7F5121

# Rectangle

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



0A6943



006A77



874473



934340



# Sweetspot

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



0A6943



658A7B



30690A



2F453C



C4C4C4



454545



# Same Dimension

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



0A6943



008A53



0A5F69



303633



007546



00F593



# Inverse Universe

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



690A30



8A0037



69140A



363032



75002F

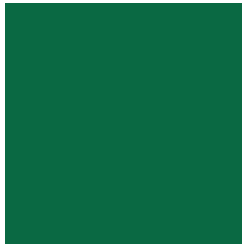


F50062



# Previews

## White Background



This preview shows how the Hex color 0A6943 looks on a white background.

## Color Contrast Check

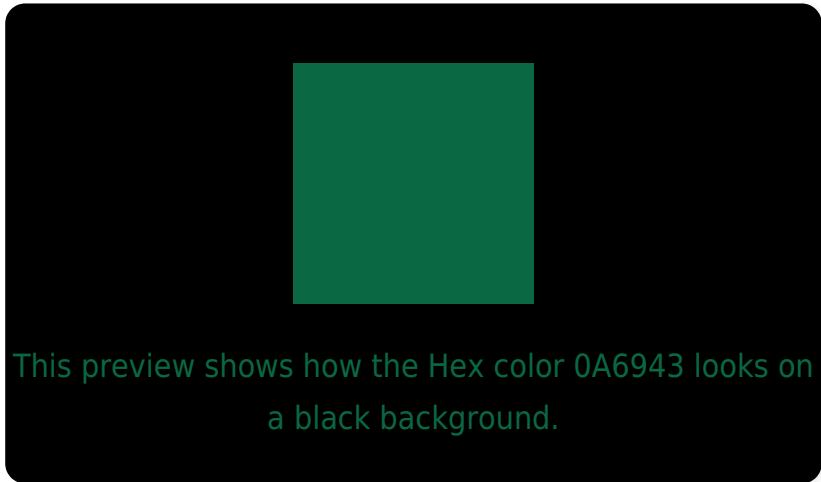
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 0A6943 Background



This preview shows how black text looks on a background with the Hex color 0A6943.

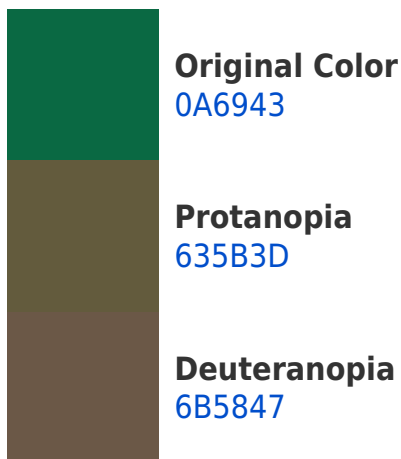



This preview shows how white text looks on a background with the Hex color 0A6943.

# 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**  
26646C

# Trichromacy



**Original Color**  
0A6943



**Protanomaly**  
43603F



**Deuteranomaly**  
485E46



**Tritanomaly**  
1C665D

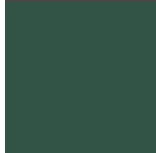
# Monochromacy



**Original Color**  
0A6943



**Achromatopsia**  
484848



**Achromatomaly**  
315446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A6943 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 #0A6943 looks like.

```
.text, #text, p{  
    color:#0A6943  
}
```

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 #0A6943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6943
}
```

## Border

The CSS property to change the border of an element to Hex 0A6943 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
#0A6943 }
```

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

```
.border{ border-color:#0A6943 }
```

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

Here you see how a box with a 4 pixel #0A6943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6943; -webkit-box-shadow:4px 4px  
4px 4px #0A6943; box-shadow:4px 4px 4px  
4px #0A6943 }
```

# Background

The CSS property to change the background color of an element to Hex 0A6943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6943 }
```

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

```
.background{ background-color:#0A6943 }
```

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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