

Converting Colors

Hex(0A6849)

Have a look what the booklet for
Hex(0A6849) contains.

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Color

Hex(0A6849)

Conversions

Conversions Part 1

Format	Color
Hex	0A6849
RGB	10, 104, 73
RGB Percent	4%, 41%, 29%
CMY	0.9608, 0.5922, 0.7137
CMYK	0.90, 0.00, 0.30, 0.59
HSL	160°, 82%, 22%
HSV	160°, 90%, 41%
XYZ	6.2781, 10.4462, 7.9888
YIQ	72.3600, -46.0730, -29.5690

Conversions

Conversions Part 2

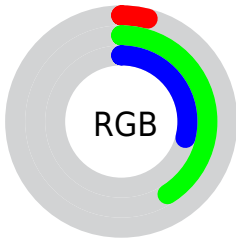
Format	Color
RYB	10, 66, 104
Decimal	682057
CIELab	38.63, -33.37, 10.46
CIELCh	39, 34.968, 162.587
Yxy	10.4462, 0.2540, 0.4227
Android (android.graphics.Color)	4278872137 (0xFF0A6849)
YUV	72.3600, 0.3155, -54.6897
Hunter-Lab	32.3206, -21.8884, 7.9695

Details

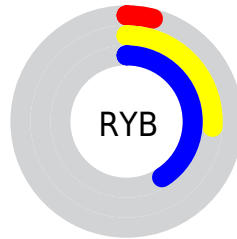
The Hex color **0A6849** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **680A29**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4A9C7A**, and **00381D** is the 20% darker color. If you saturate the color by 10%, you get **006846**, and if you desaturate by 10%, it is **14684C**.

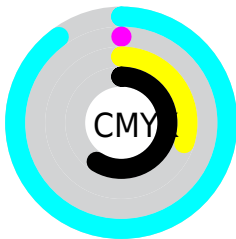
Distribution



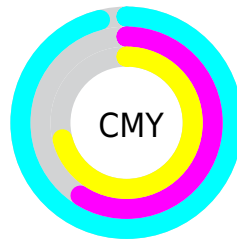
- Red (4%)
- Green (41%)
- Blue (29%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (30%)
- Black (59%)



- Cyan (96%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6849 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 0A6849 by changing the saturation by 10% instead.



0A6849



0A6849

FFFFFF



004F32



4A9C7A



00381D



65B793



002304



81D3AE



000000



9CF0C9



B8FFE6



D5FFFF



F2FFFF



0A6849



0A6849

■ 006846

■ 14684C

■ 1F6850

■ 296853

■ 346857

■ 3E685A

■ 48685E

■ 536861

■ 5D6864

■ 686868

Harmonies

Analogous

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



40642F



0A6849



006966

Triad

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



0A6849



3F5A92



8A4936

Complementary

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



0A6849



680A29

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.



904250



0A6849



6C4F85

Square

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



0A6849



006391



87456D



795424

Rectangle

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



0A6849



006879



87456D



8E463E

Sweetspot

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



0A6849



63877B



29680A



2F453E



C4C4C4



454545

Same Dimension

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



0A6849



00875B



0A5868



2E3331



00734D



00F2A2

Inverse Universe

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



680A29



87002D



681A0A



332E30



730026



F20050

Previews

White Background



This preview shows how the Hex color 0A6849 looks on a white background.

Color Contrast Check

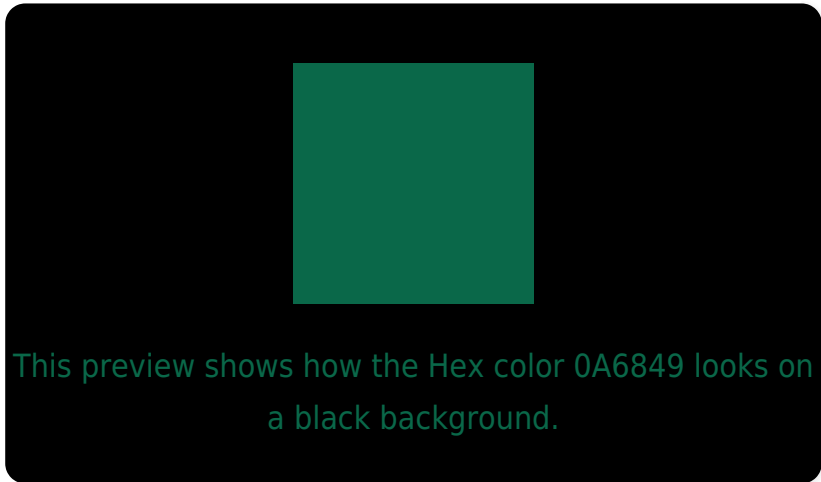
Large Text (above 18pt) WCAG AA ✓ Pass

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

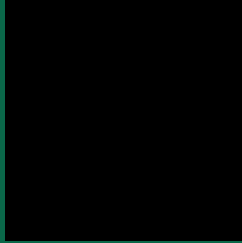
Any Text WCAG AA × Fail

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 0A6849 Background



This preview shows how black text looks on a background with the Hex color 0A6849.



This preview shows how white text looks on a background with the Hex color 0A6849.

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
0A6849

Protanopia
615B43

Deuteranopia
68574D



Tritanopia
24646C

Trichromacy



Original Color
0A6849



Protanomaly
416045



Deuteranomaly
465D4C



Tritanomaly
1B655F

Monochromacy



Original Color
0A6849



Achromatopsia
484848



Achromatomaly
315448

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6849 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 #0A6849 looks like.

```
.text, #text, p{  
    color:#0A6849  
}
```

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 #0A6849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6849
}
```

Border

The CSS property to change the border of an element to Hex 0A6849 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
#0A6849 }
```

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

```
.border{ border-color:#0A6849 }
```

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

Here you see how a box with a 4 pixel #0A6849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6849; -webkit-box-shadow:4px 4px  
4px 4px #0A6849; box-shadow:4px 4px 4px  
4px #0A6849 }
```

Background

The CSS property to change the background color of an element to Hex 0A6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6849 }
```

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

```
.background{ background-color:#0A6849 }
```

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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