

Converting Colors

Hex(0A6447)

Have a look what the booklet for
Hex(0A6447) contains.

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Color

Hex(0A6447)

Conversions

Conversions Part 1

Format	Color
Hex	0A6447
RGB	10, 100, 71
RGB Percent	4%, 39%, 28%
CMY	0.9608, 0.6078, 0.7216
CMYK	0.90, 0.00, 0.29, 0.61
HSL	161°, 82%, 22%
HSV	161°, 90%, 39%
XYZ	5.8197, 9.6338, 7.5140
YIQ	69.7840, -44.3310, -28.0990

Conversions

Conversions Part 2

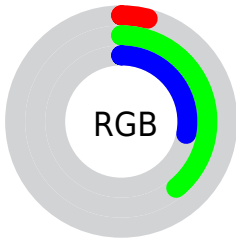
Format	Color
RYB	10, 64, 100
Decimal	681031
CIELab	37.18, -32.14, 9.65
CIELCh	37, 33.557, 163.289
Yxy	9.6338, 0.2534, 0.4195
Android (android.graphics.Color)	4278871111 (0xFF0A6447)
YUV	69.7840, 0.5995, -52.4306
Hunter-Lab	31.0384, -20.8485, 7.3735

Details

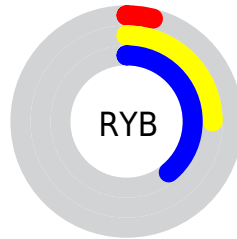
The Hex color **0A6447** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **640A27**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **499877**, and **00341B** is the 20% darker color. If you saturate the color by 10%, you get **006444**, and if you desaturate by 10%, it is **14644A**.

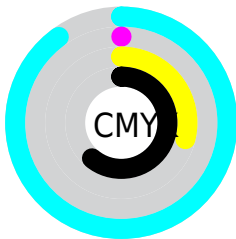
Distribution



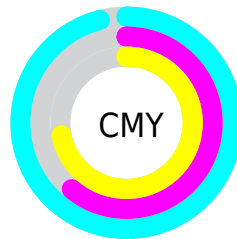
- Red (4%)
- Green (39%)
- Blue (28%)



- Red (4%)
- Yellow (25%)
- Blue (39%)



- Cyan (90%)
- Magenta (0%)
- Yellow (29%)
- Black (61%)



- Cyan (96%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6447 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 0A6447 by changing the saturation by 10% instead.

 0A6447

 0A6447

FFFFFF

 004C31

 499877

 00341B

 64B391

 002101

 7FCEAC

 000000

 9BEBC7

 B7FFE3

 D3FFFF

 F0FFFF

 0A6447

 0A6447

■ 006444

■ 14644A

■ 1E644D

■ 286451

■ 326454

■ 3C6457

■ 46645A

■ 50645E

■ 5A6461

■ 646464

Harmonies

Analogous

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



3D602E



0A6447



006563

Triad

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



0A6447



3F568C



844734

Complementary

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



0A6447



640A27

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.



8A404C



0A6447



694C7F

Square

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



0A6447



005F8B



814268



745123

Rectangle

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



0A6447



006474



814268



88443B

Sweetspot

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



0A6447



5F8277



28640A



2D423B



C2C2C2



424242

Same Dimension

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



0A6447



008258



0A5564



2E3331



00734E



00F2A4

Inverse Universe

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



640A27



82002A



64190A



332E30



730025



F2004E

Previews

White Background



This preview shows how the Hex color 0A6447 looks on a white background.

Color Contrast Check

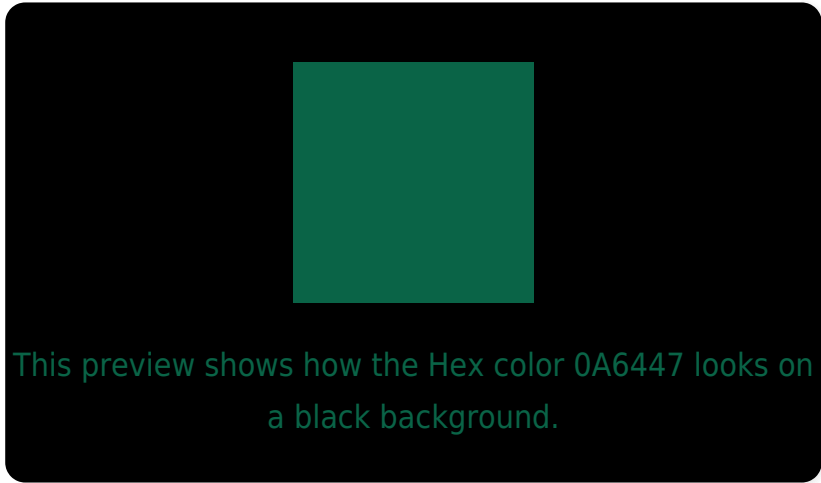
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

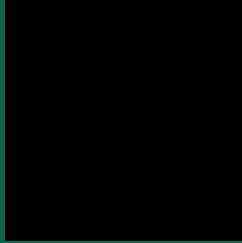
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0A6447 Background



This preview shows how black text looks on a background with the Hex color 0A6447.



This preview shows how white text looks on a background with the Hex color 0A6447.

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
0A6447

Protanopia
5E5741

Deuteranopia
64544B

Trichromacy



Original Color
0A6447

Protanomaly
3F5C43

Deuteranomaly
435A4A

Tritanomaly
19615C

Monochromacy



Original Color
0A6447

Achromatopsia
464646

Achromatomaly
305146

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6447 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 #0A6447 looks like.

```
.text, #text, p{  
    color:#0A6447  
}
```

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 #0A6447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6447
}
```

Border

The CSS property to change the border of an element to Hex 0A6447 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
#0A6447 }
```

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

```
.border{ border-color:#0A6447 }
```

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

Here you see how a box with a 4 pixel #0A6447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6447; -webkit-box-shadow:4px 4px  
4px 4px #0A6447; box-shadow:4px 4px 4px  
4px #0A6447 }
```

Background

The CSS property to change the background color of an element to Hex 0A6447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6447 }
```

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

```
.background{ background-color:#0A6447 }
```

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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