

Converting Colors

Hex(0A6244)

Have a look what the booklet for
Hex(0A6244) contains.

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Color

Hex(0A6244)

Conversions

Conversions Part 1

Format	Color
Hex	0A6244
RGB	10, 98, 68
RGB Percent	4%, 38%, 27%
CMY	0.9608, 0.6157, 0.7333
CMYK	0.90, 0.00, 0.31, 0.62
HSL	160°, 81%, 21%
HSV	160°, 90%, 38%
XYZ	5.5362, 9.2173, 6.9562
YIQ	68.2680, -42.8180, -27.9860

Conversions

Conversions Part 2

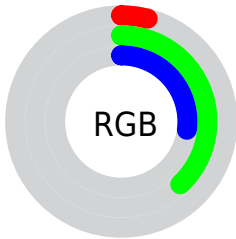
Format	Color
R_{YB}	10, 63, 98
Decimal	680516
CIE _{Lab}	36.40, -32.04, 10.39
CIE _{LCh}	36, 33.683, 162.032
Yxy	9.2173, 0.2550, 0.4246
Android (android.graphics.Color)	4278870596 (0xFF0A6244)
YUV	68.2680, -0.1321, -51.1010
Hunter-Lab	30.3599, -20.5797, 7.6672

Details

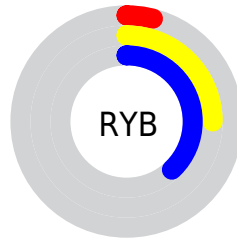
The Hex color **0A6244** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **620A28**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **489574**, and **003219** is the 20% darker color. If you saturate the color by 10%, you get **006241**, and if you desaturate by 10%, it is **146247**.

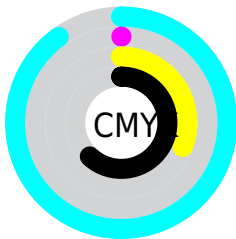
Distribution



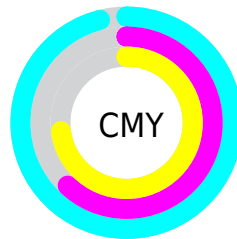
- Red (4%)
- Green (38%)
- Blue (27%)



- Red (4%)
- Yellow (25%)
- Blue (38%)



- Cyan (90%)
- Magenta (0%)
- Yellow (31%)
- Black (62%)



- Cyan (96%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A6244 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 0A6244 by changing the saturation by 10% instead.



0A6244



0A6244

FFFFFF



004A2E



489574



003219



63B08E



001E00



7ECCA8



000000



9AE9C3



B6FFDF



D2FFFC



FFFFFF



0A6244



0A6244

■ 006241

■ 146247

■ 1E624B

■ 27624E

■ 316251

■ 3B6255

■ 456258

■ 4F625B

■ 58625F

■ 626262

Harmonies

Analogous

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



3D5E2C



0A6244



006360

Triad

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



0A6244



3A558A



834433

Complementary

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



0A6244



620A28

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.



883E4C



0A6244



664A7E

Square

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



0A6244



005D89



7F4167



724E21

Rectangle

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



0A6244



006372



7F4167



86423A

Sweetspot

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



0A6244



5D8074



29620A



2B4039



BFBFBF



404040

Same Dimension

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



0A6244



008054



0A5562



2C302F



00704A



00F09E

Inverse Universe

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



620A28



80002B



62170A



302C2D



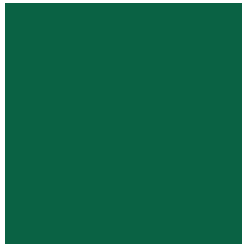
700026



F00052

Previews

White Background



This preview shows how the Hex color 0A6244 looks on a white background.

Color Contrast Check

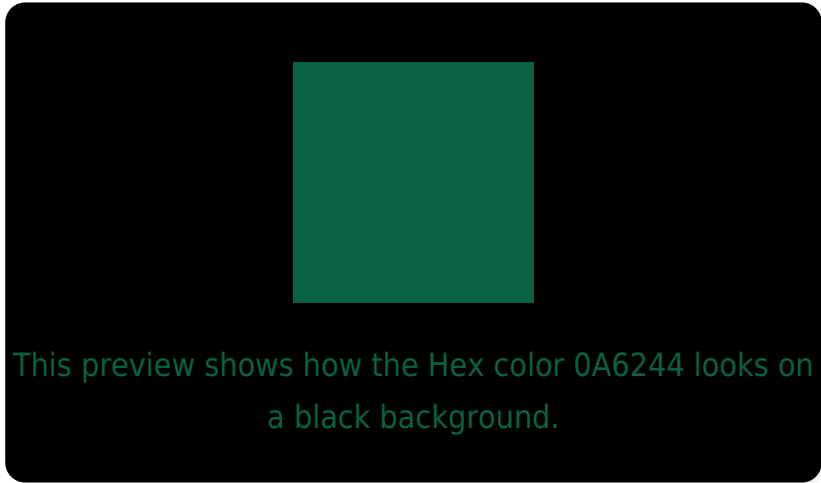
Large Text (above 18pt) WCAG AA ✓ Pass

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

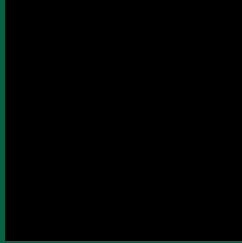
Any Text WCAG AA × Fail

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 0A6244 Background



This preview shows how black text looks on a background with the Hex color 0A6244.



This preview shows how white text looks on a background with the Hex color 0A6244.

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
0A6244

Protanopia
5C553E

Deuteranopia
635248



Tritanopia
225E65

Trichromacy



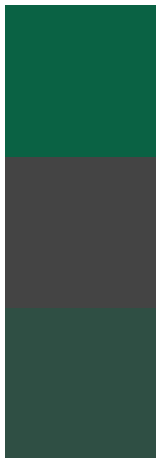
Original Color
0A6244

Protanomaly
3E5A40

Deuteranomaly
435847

Tritanomaly
195F59

Monochromacy



Original Color
0A6244

Achromatopsia
444444

Achromatomaly
2F4F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A6244 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 #0A6244 looks like.

```
.text, #text, p{  
    color:#0A6244  
}
```

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 #0A6244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6244
}
```

Border

The CSS property to change the border of an element to Hex 0A6244 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
#0A6244 }
```

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

```
.border{ border-color:#0A6244 }
```

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

Here you see how a box with a 4 pixel #0A6244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6244; -webkit-box-shadow:4px 4px  
4px 4px #0A6244; box-shadow:4px 4px 4px  
4px #0A6244 }
```

Background

The CSS property to change the background color of an element to Hex 0A6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6244 }
```

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

```
.background{ background-color:#0A6244 }
```

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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