

Converting Colors

Hex(0C6244)

Have a look what the booklet for
Hex(0C6244) contains.

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Color

Hex(0C6244)

Conversions

Conversions Part 1

Format	Color
Hex	0C6244
RGB	12, 98, 68
RGB Percent	5%, 38%, 27%
CMY	0.9529, 0.6157, 0.7333
CMYK	0.88, 0.00, 0.31, 0.62
HSL	159°, 78%, 22%
HSV	159°, 88%, 38%
XYZ	5.5627, 9.2309, 6.9574
YIQ	68.8660, -41.6260, -27.5620

Conversions

Conversions Part 2

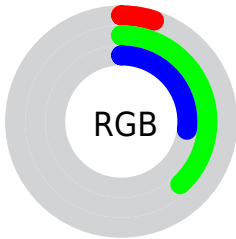
Format	Color
RYB	12, 64, 98
Decimal	811588
CIELab	36.43, -31.84, 10.43
CIELCh	36, 33.508, 161.863
Yxy	9.2309, 0.2557, 0.4244
Android (android.graphics.Color)	4279001668 (0xFF0C6244)
YUV	68.8660, -0.4269, -49.8715
Hunter-Lab	30.3824, -20.4877, 7.6906

Details

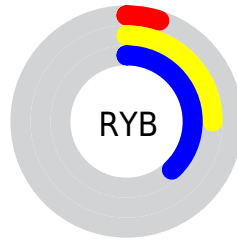
The Hex color **0C6244** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **620C2A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **499574**, and **003219** is the 20% darker color. If you saturate the color by 10%, you get **026241**, and if you desaturate by 10%, it is **166247**.

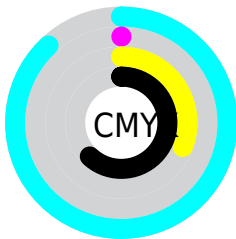
Distribution



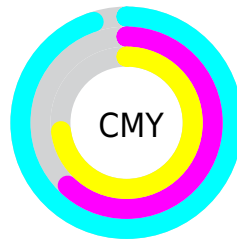
- Red (5%)
- Green (38%)
- Blue (27%)



- Red (5%)
- Yellow (25%)
- Blue (38%)



- Cyan (88%)
- Magenta (0%)
- Yellow (31%)
- Black (62%)



- Cyan (95%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C6244 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 0C6244 by changing the saturation by 10% instead.

 0C6244

 0C6244

FFFFFF

 004A2E

 499574

 003219

 64B08E

 001F00

 7FCCA8

 000000

 9AE8C3

 B6FFDF

 D3FFFC

 F0FFFF

 0C6244

 0C6244

■ 026241

■ 166247

■ 006240

■ 20624B

■ 29624E

■ 336252

■ 3D6255

■ 476259

■ 51625C

■ 5A625F

■ 646263

Harmonies

Analogous

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



3D5E2C



0C6244



006360

Triad

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



0C6244



3A558A



834433

Complementary

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



0C6244



620C2A

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



0C6244



654A7E

Square

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



0C6244



005D88



7F4167



734E22

Rectangle

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



0C6244



006371



7F4167



86423B

Sweetspot

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



0C6244



5E8074



2A620C



2C4039



BFBFBF



404040

Same Dimension

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



0C6244



008053



0C5562



2C302F



007049



00F09C

Inverse Universe

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



620C2A



80002C



62190C



302C2D



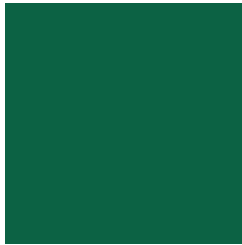
700027



F00054

Previews

White Background



This preview shows how the Hex color 0C6244 looks on a white background.

Color Contrast Check

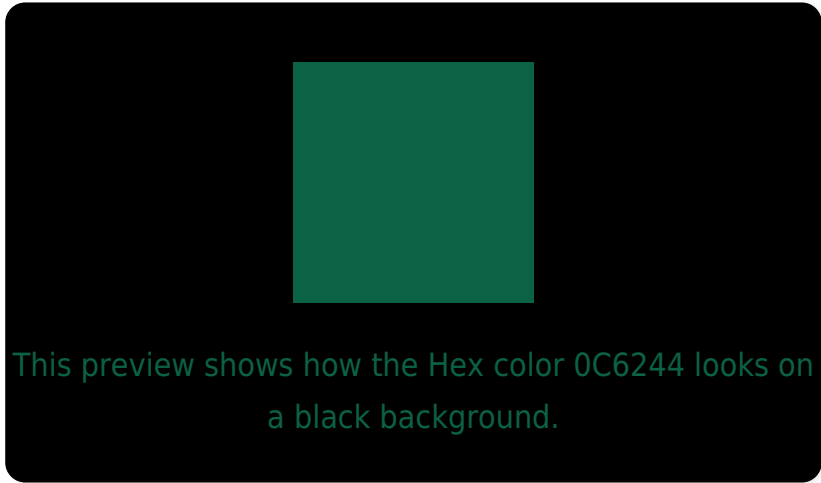
Large Text (above 18pt) WCAG AA ✓ Pass

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

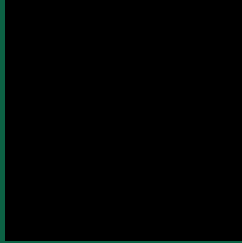
Any Text WCAG AA × Fail

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 0C6244 Background



This preview shows how black text looks on a background with the Hex color 0C6244.



This preview shows how white text looks on a background with the Hex color 0C6244.

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
0C6244

Protanopia
5C553E

Deuteranopia
635248



Tritanopia
235E65

Trichromacy



Original Color
0C6244

Protanomaly
3F5A40

Deuteranomaly
435847

Tritanomaly
1B5F59

Monochromacy



Original Color
0C6244

Achromatopsia
454545

Achromatomaly
305045

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C6244 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 #0C6244 looks like.

```
.text, #text, p{  
    color:#0C6244  
}
```

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 #0C6244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6244
}
```

Border

The CSS property to change the border of an element to Hex 0C6244 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
#0C6244 }
```

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

```
.border{ border-color:#0C6244 }
```

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

Here you see how a box with a 4 pixel #0C6244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6244; -webkit-box-shadow:4px 4px  
4px 4px #0C6244; box-shadow:4px 4px 4px  
4px #0C6244 }
```

Background

The CSS property to change the background color of an element to Hex 0C6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6244 }
```

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

```
.background{ background-color:#0C6244 }
```

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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