

Converting Colors

Hex(0B4E4C)

Have a look what the booklet for
Hex(0B4E4C) contains.

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Color

Hex(0B4E4C)

Conversions

Conversions Part 1

Format	Color
Hex	0B4E4C
RGB	11, 78, 76
RGB Percent	4%, 31%, 30%
CMY	0.9569, 0.6941, 0.7020
CMYK	0.86, 0.00, 0.03, 0.69
HSL	178°, 75%, 17%
HSV	178°, 86%, 31%
XYZ	4.1669, 6.0417, 7.7840
YIQ	57.7390, -39.2900, -14.8260

Conversions

Conversions Part 2

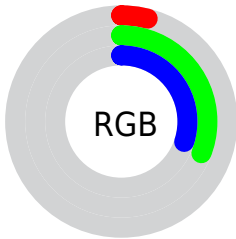
Format	Color
R_{YB}	11, 45, 78
Decimal	740940
CIE Lab	29.52, -19.89, -4.53
CIE LCh	30, 20.401, 192.823
Yxy	6.0417, 0.2316, 0.3358
Android (android.graphics.Color)	4278931020 (0xFF0B4E4C)
YUV	57.7390, 9.0027, -40.9901
Hunter-Lab	24.5799, -12.7547, -1.5701

Details

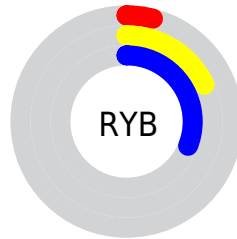
The Hex color **0B4E4C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4E0B0D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **457F7D**, and **002220** is the 20% darker color. If you saturate the color by 10%, you get **034E4C**, and if you desaturate by 10%, it is **134E4C**.

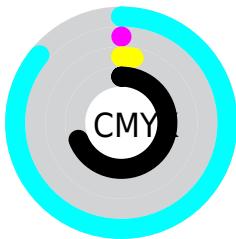
Distribution



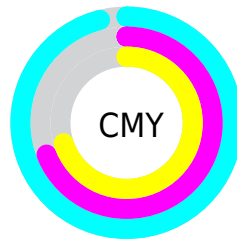
- Red (4%)
- Green (31%)
- Blue (30%)



- Red (4%)
- Yellow (18%)
- Blue (31%)



- Cyan (86%)
- Magenta (0%)
- Yellow (3%)
- Black (69%)



- Cyan (96%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4E4C 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 0B4E4C by changing the saturation by 10% instead.

0B4E4C

0B4E4C

FFFFFF

003735

457F7D

002220

5F9A97

000009

79B4B1

000000

94D0CD

AFECE9

CBFFFF

E8FFFF

0B4E4C

0B4E4C

■ 034E4C

■ 134E4C

■ 004E4C

■ 1B4E4C

■ 224E4D

■ 2A4E4D

■ 324E4D

■ 3A4E4D

■ 424E4E

■ 494E4E

■ 514E4E

Harmonies

Analogous

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



244D3C



0B4E4C



014D5B

Triad

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



0B4E4C



503F5D



584127

Complementary

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



0B4E4C



4E0B0D

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.



613C31



0B4E4C



5F3A4F

Square

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



0B4E4C



3A4564



64393F



494726

Rectangle

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



0B4E4C



134B61



64393F



5C402A

Sweetspot

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



0B4E4C



4B6665



0D4E0B



233333



B3B3B3



333333

Same Dimension

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



0B4E4C



006663



0B2F4E



222626



00E6DF

Inverse Universe

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



4E0B0D



660003



4E2A0B



262223



E60007

Previews

White Background



This preview shows how the Hex color 0B4E4C looks on a white background.

Color Contrast Check

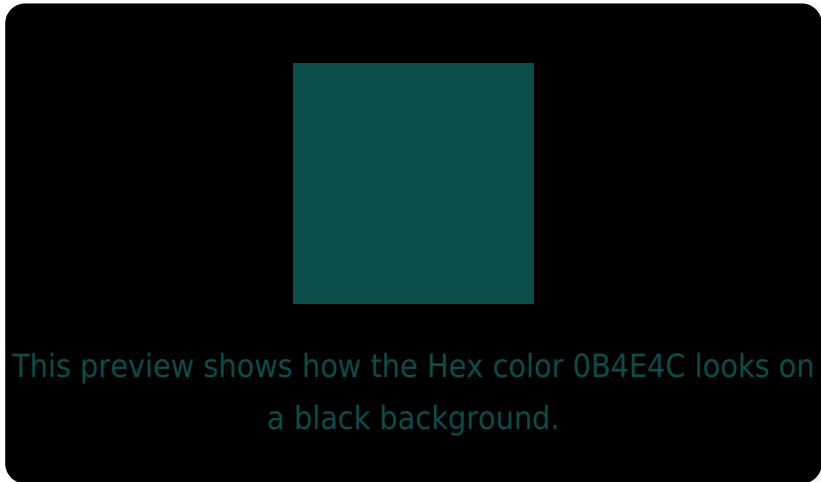
Large Text (above 18pt) WCAG AA ✓ Pass

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

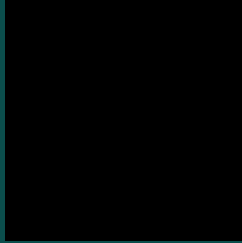
Any Text WCAG AA × Fail

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 0B4E4C Background



This preview shows how black text looks on a background with the Hex color 0B4E4C.



This preview shows how white text looks on a background with the Hex color 0B4E4C.

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
0B4E4C

Protanopia
464547

Deuteranopia
48444E



Tritanopia
134D53

Trichromacy



Original Color
0B4E4C

Protanomaly
314849

Deuteranomaly
32484D

Tritanomaly
104D50

Monochromacy



Original Color
0B4E4C

Achromatopsia
3A3A3A

Achromatomaly
294141

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4E4C 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 #0B4E4C looks like.

```
.text, #text, p{  
    color:#0B4E4C  
}
```

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 #0B4E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4E4C
}
```

Border

The CSS property to change the border of an element to Hex 0B4E4C 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
#0B4E4C }
```

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

```
.border{ border-color:#0B4E4C }
```

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

Here you see how a box with a 4 pixel #0B4E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4E4C; -webkit-box-shadow:4px 4px  
4px 4px #0B4E4C; box-shadow:4px 4px 4px  
4px #0B4E4C }
```

Background

The CSS property to change the background color of an element to Hex 0B4E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4E4C }
```

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

```
.background{ background-color:#0B4E4C }
```

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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