

Converting Colors

Hex(0C4D36)

Have a look what the booklet for
Hex(0C4D36) contains.

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Color

Hex(0C4D36)

Conversions

Conversions Part 1

Format	Color
Hex	0C4D36
RGB	12, 77, 54
RGB Percent	5%, 30%, 21%
CMY	0.9529, 0.6980, 0.7882
CMYK	0.84, 0.00, 0.30, 0.70
HSL	159°, 73%, 17%
HSV	159°, 84%, 30%
XYZ	3.4714, 5.6523, 4.3981
YIQ	54.9430, -31.3570, -20.9330

Conversions

Conversions Part 2

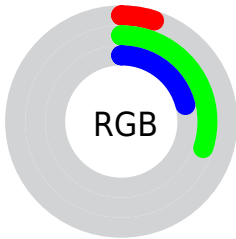
Format	Color
RYB	12, 51, 77
Decimal	806198
CIELab	28.52, -26.00, 8.13
CIElCh	29, 27.238, 162.628
Yxy	5.6523, 0.2567, 0.4180
Android (android.graphics.Color)	4278996278 (0xFF0C4D36)
YUV	54.9430, -0.4649, -37.6610
Hunter-Lab	23.7745, -15.5423, 5.6740

Details

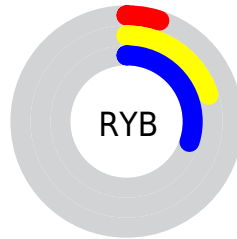
The Hex color **0C4D36** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4D0C23**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **437F65**, and **00210A** is the 20% darker color. If you saturate the color by 10%, you get **044D33**, and if you desaturate by 10%, it is **144D39**.

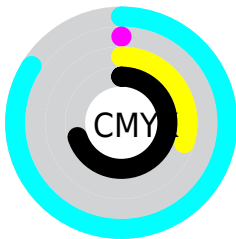
Distribution



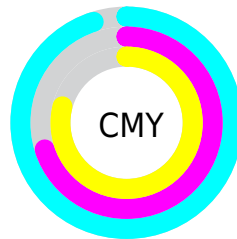
- Red (5%)
- Green (30%)
- Blue (21%)



- Red (5%)
- Yellow (20%)
- Blue (30%)



- Cyan (84%)
- Magenta (0%)
- Yellow (30%)
- Black (70%)



- Cyan (95%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C4D36 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 0C4D36 by changing the saturation by 10% instead.

 0C4D36

 0C4D36

FFFFFF

 003621

 437F65

 00210A

 5C997E

 000000

 76B498

 91CFB2

 ACECCE

 C8FFEA

 E5FFFF

 0C4D36

 0C4D36

■ 044D33

■ 144D39

■ 004D32

■ 1B4D3B

■ 234D3E

■ 2B4D41

■ 334D44

■ 3A4D46

■ 424D49

■ 4A4D4C

■ 514D4F

Harmonies

Analogous

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



304A23



0C4D36



004E4C

Triad

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



0C4D36



30426C



663628

Complementary

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



0C4D36



4D0C23

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.



6B313B



0C4D36



503A62

Square

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



0C4D36



00496B



643350



5A3E1B

Rectangle

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



0C4D36



004D59



643350



69342E

Sweetspot

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



0C4D36



4B635B



244D0C



24332E



B3B3B3



333333

Same Dimension

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



0C4D36



006340



0C444D



222625



006642



00E694

Inverse Universe

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



4D0C23



630023



4D150C



262224



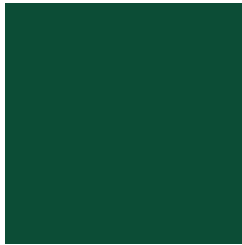
660024



E60051

Previews

White Background



This preview shows how the Hex color 0C4D36 looks on a white background.

Color Contrast Check

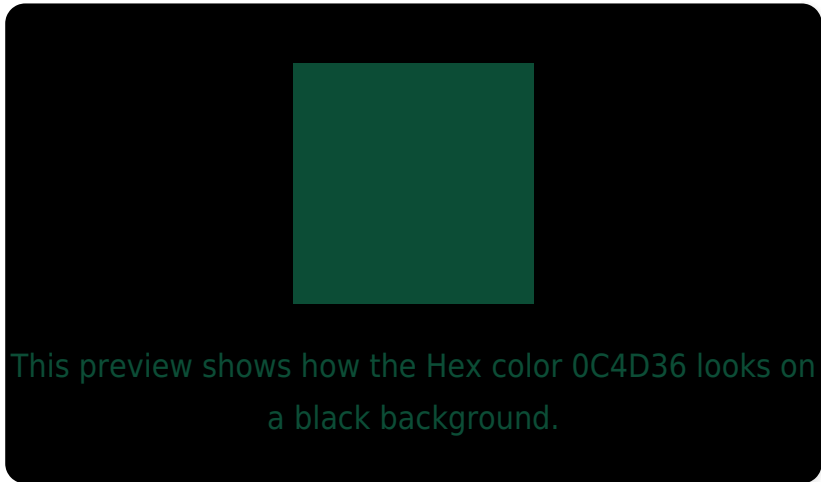
Large Text (above 18pt) WCAG AA ✓ Pass

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

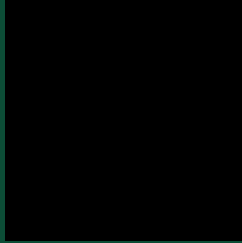
Any Text WCAG AA × Fail

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 0C4D36 Background



This preview shows how black text looks on a background with the Hex color 0C4D36.



This preview shows how white text looks on a background with the Hex color 0C4D36.

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](#).

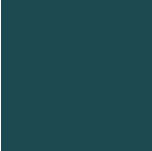
Dichromacy



Original Color
0C4D36

Protanopia
484332

Deuteranopia
4D4139



Tritanopia
1C4A50

Trichromacy



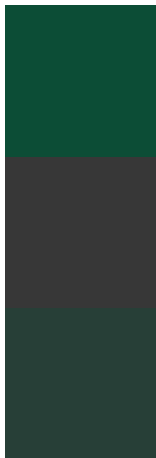
Original Color
0C4D36

Protanomaly
324733

Deuteranomaly
354538

Tritanomaly
164B47

Monochromacy



Original Color
0C4D36

Achromatopsia
373737

Achromatomaly
273F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C4D36 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 #0C4D36 looks like.

```
.text, #text, p{  
    color:#0C4D36  
}
```

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 #0C4D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4D36
}
```

Border

The CSS property to change the border of an element to Hex 0C4D36 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
#0C4D36 }
```

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

```
.border{ border-color:#0C4D36 }
```

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

Here you see how a box with a 4 pixel #0C4D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4D36; -webkit-box-shadow:4px 4px  
4px 4px #0C4D36; box-shadow:4px 4px 4px  
4px #0C4D36 }
```

Background

The CSS property to change the background color of an element to Hex 0C4D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4D36 }
```

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

```
.background{ background-color:#0C4D36 }
```

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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