

Converting Colors

Hex(0C5030)

Have a look what the booklet for
Hex(0C5030) contains.

Hex(0C5030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(0C5030)

Conversions

Conversions Part 1

Format	Color
Hex	0C5030
RGB	12, 80, 48
RGB Percent	5%, 31%, 19%
CMY	0.9529, 0.6863, 0.8118
CMYK	0.85, 0.00, 0.40, 0.69
HSL	152°, 74%, 18%
HSV	152°, 85%, 31%
XYZ	3.5538, 6.0289, 3.7727
YIQ	56.0200, -30.2560, -24.3680

Conversions

Conversions Part 2

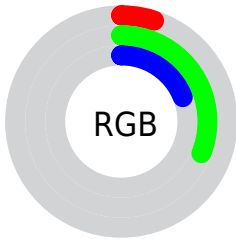
Format	Color
RYB	12, 56, 80
Decimal	806960
CIELab	29.49, -28.86, 13.22
CIELCh	29, 31.747, 155.390
Yxy	6.0289, 0.2661, 0.4514
Android (android.graphics.Color)	4278997040 (0xFF0C5030)
YUV	56.0200, -3.9539, -38.6055
Hunter-Lab	24.5538, -17.1340, 8.0777

Details

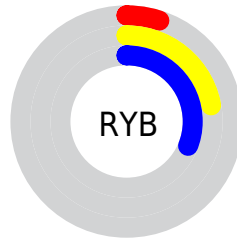
The Hex color **0C5030** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **500C2C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **44825E**, and **002301** is the 20% darker color. If you saturate the color by 10%, you get **04502C**, and if you desaturate by 10%, it is **145034**.

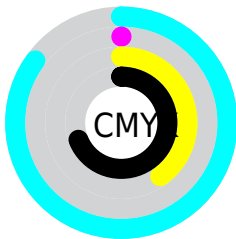
Distribution



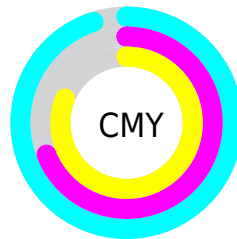
- Red (5%)
- Green (31%)
- Blue (19%)



- Red (5%)
- Yellow (22%)
- Blue (31%)



- Cyan (85%)
- Magenta (0%)
- Yellow (40%)
- Black (69%)



- Cyan (95%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5030 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 0C5030 by changing the saturation by 10% instead.

 0C5030

 0C5030

FFFFFF

 00391B

 44825E

 002301

 5D9C77

 000000

 77B791

 92D3AB

 AEF0C7

 CAFFE3

 E6FFFF

 0C5030

 0C5030

■ 04502C

■ 145034

■ 00502A

■ 1C5038

■ 24503B

■ 2C503F

■ 345043

■ 3C5047

■ 44504A

■ 4C504E

■ 545052

Harmonies

Analogous

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



354C1B



0C5030



005249

Triad

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



0C5030



1B4776



70342A

Complementary

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



0C5030



500C2C

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.



722F42



0C5030



4D3D6E

Square

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



0C5030



004D72



67335A



633D18

Rectangle

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



0C5030



00515A



67335A



723132

Sweetspot

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



0C5030



4D695C



2D500C



25362E



B5B5B5



363636

Same Dimension

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



0C5030



006937



0C4F50



252927



00E87B

Inverse Universe

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



500C2C



690031



500D0C



292527



E8006D

Previews

White Background



This preview shows how the Hex color 0C5030 looks on a white background.

Color Contrast Check

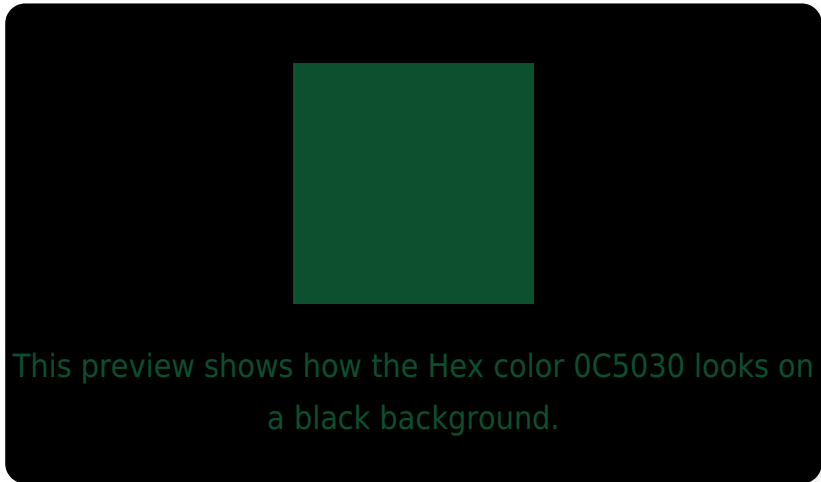
Large Text (above 18pt) WCAG AA ✓ Pass

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

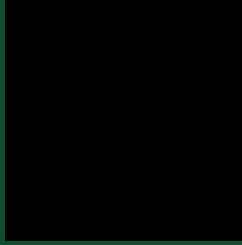
Any Text WCAG AA × Fail

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 0C5030 Background



This preview shows how black text looks on a background with the Hex color 0C5030.



This preview shows how white text looks on a background with the Hex color 0C5030.

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](#).

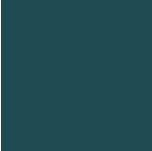
Dichromacy



Original Color
0C5030

Protanopia
4C452C

Deuteranopia
524333



Tritanopia
1F4C52

Trichromacy



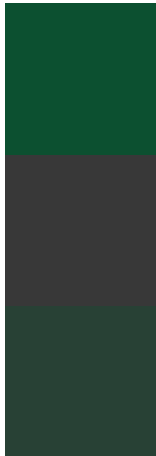
Original Color
0C5030

Protanomaly
35492D

Deuteranomaly
394832

Tritanomaly
184D46

Monochromacy



Original Color
0C5030

Achromatopsia
383838

Achromatomaly
284135

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5030 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 #0C5030 looks like.

```
.text, #text, p{  
    color:#0C5030  
}
```

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 #0C5030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5030
}
```

Border

The CSS property to change the border of an element to Hex 0C5030 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
#0C5030 }
```

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

```
.border{ border-color:#0C5030 }
```

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

Here you see how a box with a 4 pixel #0C5030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5030; -webkit-box-shadow:4px 4px  
4px 4px #0C5030; box-shadow:4px 4px 4px  
4px #0C5030 }
```

Background

The CSS property to change the background color of an element to Hex 0C5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5030 }
```

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

```
.background{ background-color:#0C5030 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor