

Converting Colors

Hex(0C5F31)

Have a look what the booklet for
Hex(0C5F31) contains.

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Color

Hex(0C5F31)

Conversions

Conversions Part 1

Format	Color
Hex	0C5F31
RGB	12, 95, 49
RGB Percent	5%, 37%, 19%
CMY	0.9529, 0.6275, 0.8078
CMYK	0.87, 0.00, 0.48, 0.63
HSL	147°, 78%, 21%
HSV	147°, 87%, 37%
XYZ	4.7982, 8.4843, 4.2905
YIQ	64.9390, -34.7020, -31.9020

Conversions

Conversions Part 2

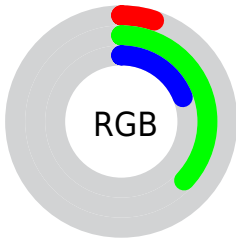
Format	Color
RYB	12, 69, 95
Decimal	810801
CIELab	34.97, -34.91, 19.82
CIELCh	35, 40.150, 150.412
Yxy	8.4843, 0.2730, 0.4828
Android (android.graphics.Color)	4279000881 (0xFF0C5F31)
YUV	64.9390, -7.8579, -46.4275
Hunter-Lab	29.1279, -21.5697, 11.6562

Details

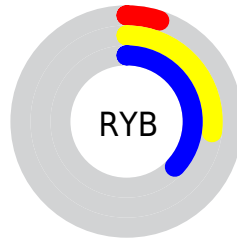
The Hex color **0C5F31** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5F0C3A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **489260**, and **002F03** is the 20% darker color. If you saturate the color by 10%, you get **025F2C**, and if you desaturate by 10%, it is **155F36**.

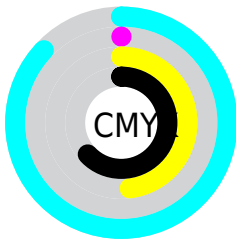
Distribution



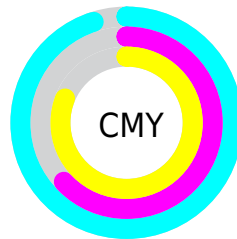
- Red (5%)
- Green (37%)
- Blue (19%)



- Red (5%)
- Yellow (27%)
- Blue (37%)



- Cyan (87%)
- Magenta (0%)
- Yellow (48%)
- Black (63%)



- Cyan (95%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5F31 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 0C5F31 by changing the saturation by 10% instead.

 0C5F31

 0C5F31

FFFFFF

 00471B

 489260

 002F03

 63AD79

 001A00

 7EC993

 000000

 99E5AE

 B5FFC9

 D1FFE5

 EEEFFF

 0C5F31

 0C5F31

■ 025F2C

■ 155F36

■ 005F2A

■ 1F5F3C

■ 285F41

■ 325F46

■ 3B5F4B

■ 455F51

■ 4E5F56

■ 585F5B

■ 625F60

Harmonies

Analogous

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



425A16



0C5F31



006152

Triad

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



0C5F31



005692



8A3834

Complementary

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



0C5F31



5F0C3A

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.



8B3353



0C5F31



534A8A

Square

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



0C5F31



005E8A



793C72



7B4519

Rectangle

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



0C5F31



006168



793C72



8C353E

Sweetspot

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



0C5F31



5B7A69



3B5F0C



2A3D33



BDBDBD



3D3D3D

Same Dimension

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



0C5F31



007A37



0C5F59



2C302E



007032



00F06B

Inverse Universe

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



5F0C3A



7A0044



5F0C12



302C2E



70003E



F00085

Previews

White Background



This preview shows how the Hex color 0C5F31 looks on a white background.

Color Contrast Check

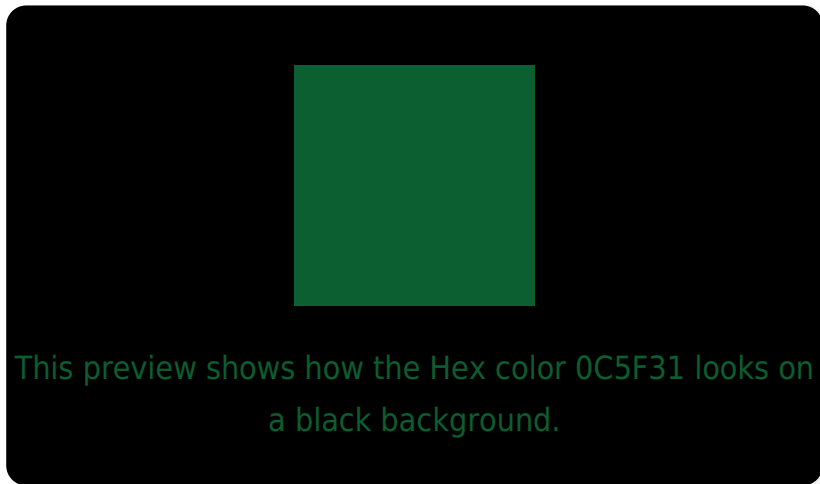
Large Text (above 18pt) WCAG AA ✓ Pass

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

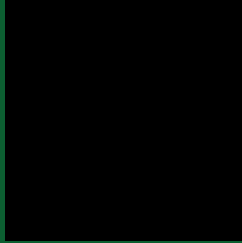
Any Text WCAG AA × Fail

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 0C5F31 Background



This preview shows how black text looks on a background with the Hex color 0C5F31.



This preview shows how white text looks on a background with the Hex color 0C5F31.

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
0C5F31

Protanopia
5A522C

Deuteranopia
634E35



Tritanopia
265A61

Trichromacy



Original Color
0C5F31

Protanomaly
3E572E

Deuteranomaly
435434

Tritanomaly
1D5C50

Monochromacy



Original Color
0C5F31

Achromatopsia
414141

Achromatomaly
2E4C3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5F31 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 #0C5F31 looks like.

```
.text, #text, p{  
    color:#0C5F31  
}
```

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 #0C5F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5F31
}
```

Border

The CSS property to change the border of an element to Hex 0C5F31 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
#0C5F31 }
```

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

```
.border{ border-color:#0C5F31 }
```

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

Here you see how a box with a 4 pixel #0C5F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5F31; -webkit-box-shadow:4px 4px  
4px 4px #0C5F31; box-shadow:4px 4px 4px  
4px #0C5F31 }
```

Background

The CSS property to change the background color of an element to Hex 0C5F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5F31 }
```

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

```
.background{ background-color:#0C5F31 }
```

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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