

Converting Colors

Hex(0C4531)

Have a look what the booklet for
Hex(0C4531) contains.

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Color

Hex(0C4531)

Conversions

Conversions Part 1

Format	Color
Hex	0C4531
RGB	12, 69, 49
RGB Percent	5%, 27%, 19%
CMY	0.9529, 0.7294, 0.8078
CMYK	0.83, 0.00, 0.29, 0.73
HSL	159°, 70%, 16%
HSV	159°, 83%, 27%
XYZ	2.8341, 4.5562, 3.6358
YIQ	49.6770, -27.5520, -18.3040

Conversions

Conversions Part 2

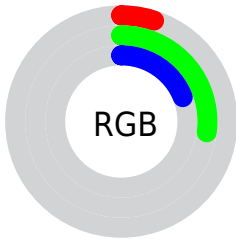
Format	Color
RYB	12, 47, 69
Decimal	804145
CIELab	25.43, -23.53, 7.03
CIELCh	25, 24.562, 163.371
Yxy	4.5562, 0.2570, 0.4132
Android (android.graphics.Color)	4278994225 (0xFF0C4531)
YUV	49.6770, -0.3338, -33.0427
Hunter-Lab	21.3452, -13.6536, 4.8426

Details

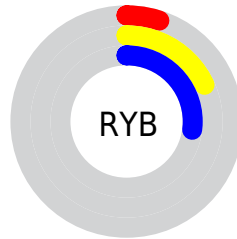
The Hex color **0C4531** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **450C20**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **41765F**, and **001C02** is the 20% darker color. If you saturate the color by 10%, you get **05452F**, and if you desaturate by 10%, it is **134533**.

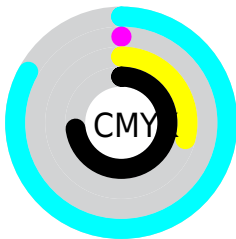
Distribution



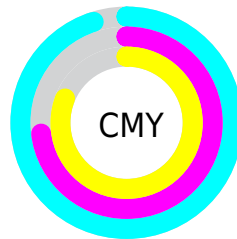
- Red (5%)
- Green (27%)
- Blue (19%)



- Red (5%)
- Yellow (18%)
- Blue (27%)



- Cyan (83%)
- Magenta (0%)
- Yellow (29%)
- Black (73%)



- Cyan (95%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C4531 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 0C4531 by changing the saturation by 10% instead.



0C4531



0C4531

FEFFFF



002E1C



41765F



001C02



5A9078



000000



73AA92



8EC6AC



A9E2C7



C5FFE3



E1FFFF



0C4531



0C4531

■ 05452F

■ 134533

■ 00452D

■ 1A4536

■ 214538

■ 28453B

■ 2F453D

■ 354540

■ 3C4542

■ 434544

■ 4A4547

Harmonies

Analogous

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



2B4220



0C4531



004644

Triad

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



0C4531



2C3B60



5B3124

Complementary

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



0C4531



450C20

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.



5F2D35



0C4531



483457

Square

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



0C4531



004160



592E47



503818

Rectangle

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



0C4531



004550



592E47



5E2F29

Sweetspot

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



0C4531



435951



21450C



202E29



ADADAD



2E2E2E

Same Dimension

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



0C4531



01593A



0C3D45



202422



006341



00E393

Inverse Universe

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



450C20



590120



45140C



242021



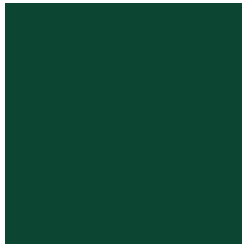
630023



E30050

Previews

White Background



This preview shows how the Hex color 0C4531 looks on a white background.

Color Contrast Check

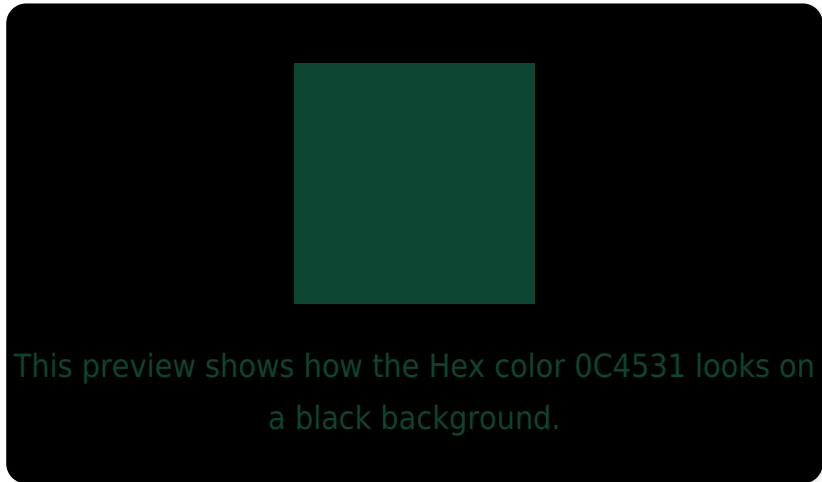
Large Text (above 18pt) WCAG AA ✓ Pass

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

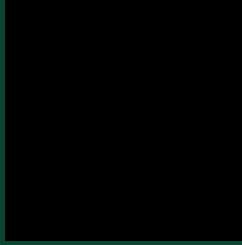
Any Text WCAG AA × Fail

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 0C4531 Background



This preview shows how black text looks on a background with the Hex color 0C4531.



This preview shows how white text looks on a background with the Hex color 0C4531.

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
0C4531

Protanopia
413C2D

Deuteranopia
453A33



Tritanopia
194247

Trichromacy



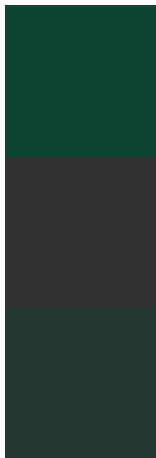
Original Color
0C4531

Protanomaly
2E3F2E

Deuteranomaly
303E32

Tritanomaly
14433F

Monochromacy



Original Color
0C4531

Achromatopsia
323232

Achromatomaly
243932

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C4531 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 #0C4531 looks like.

```
.text, #text, p{  
    color:#0C4531  
}
```

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 #0C4531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4531
}
```

Border

The CSS property to change the border of an element to Hex 0C4531 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
#0C4531 }
```

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

```
.border{ border-color:#0C4531 }
```

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

Here you see how a box with a 4 pixel #0C4531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4531; -webkit-box-shadow:4px 4px  
4px 4px #0C4531; box-shadow:4px 4px 4px  
4px #0C4531 }
```

Background

The CSS property to change the background color of an element to Hex 0C4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4531 }
```

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

```
.background{ background-color:#0C4531 }
```

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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