

Converting Colors

Hex(0C4C28)

Have a look what the booklet for
Hex(0C4C28) contains.

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Color

Hex(0C4C28)

Conversions

Conversions Part 1

Format	Color
Hex	0C4C28
RGB	12, 76, 40
RGB Percent	5%, 30%, 16%
CMY	0.9529, 0.7020, 0.8431
CMYK	0.84, 0.00, 0.47, 0.70
HSL	146°, 73%, 17%
HSV	146°, 84%, 30%
XYZ	3.1191, 5.4002, 2.8854
YIQ	52.7600, -26.5880, -24.7640

Conversions

Conversions Part 2

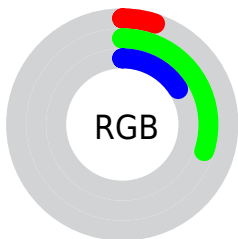
Format	Color
RYB	12, 57, 76
Decimal	805928
CIELab	27.85, -28.91, 15.97
CIElCh	28, 33.030, 151.088
Yxy	5.4002, 0.2735, 0.4735
Android (android.graphics.Color)	4278996008 (0xFF0C4C28)
YUV	52.7600, -6.2907, -35.7465
Hunter-Lab	23.2384, -16.7090, 8.9050

Details

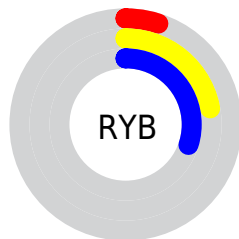
The Hex color **0C4C28** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C0C30**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **427E56**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **044C24**, and if you desaturate by 10%, it is **144C2C**.

Distribution



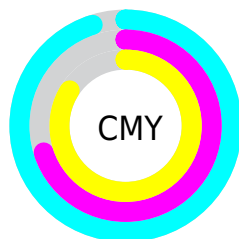
- Red (5%)
- Green (30%)
- Blue (16%)



- Red (5%)
- Yellow (22%)
- Blue (30%)



- Cyan (84%)
- Magenta (0%)
- Yellow (47%)
- Black (70%)



- Cyan (95%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C4C28 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 0C4C28 by changing the saturation by 10% instead.

 0C4C28

 0C4C28

FFFFFF

 003513

 427E56

 002100

 5C986E

 000000

 76B388

 91CEA2

 ACEBBD

 C8FFD9

 E4FFF5

 0C4C28

 0C4C28

■ 044C24

■ 144C2C

■ 004C21

■ 1B4C31

■ 234C35

■ 2A4C39

■ 324C3D

■ 3A4C42

■ 414C46

■ 494C4A

■ 504C4E

Harmonies

Analogous

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



354813



0C4C28



004E42

Triad

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



0C4C28



004474



6E2E29

Complementary

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



0C4C28



4C0C30

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.



6F2A42



0C4C28



433B6D

Square

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



0C4C28



004B6E



61305B



623715

Rectangle

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



0C4C28



004E53



61305B



702B31

Sweetspot

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



0C4C28



4B6355



304C0C



24332A



B3B3B3



333333

Same Dimension

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



0C4C28



00632C



0C4C48



222624



00662D



00E664

Inverse Universe

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



4C0C30



630038



4C0C10



262225



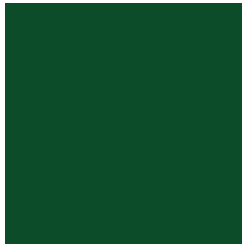
660039



E60081

Previews

White Background



This preview shows how the Hex color 0C4C28 looks on a white background.

Color Contrast Check

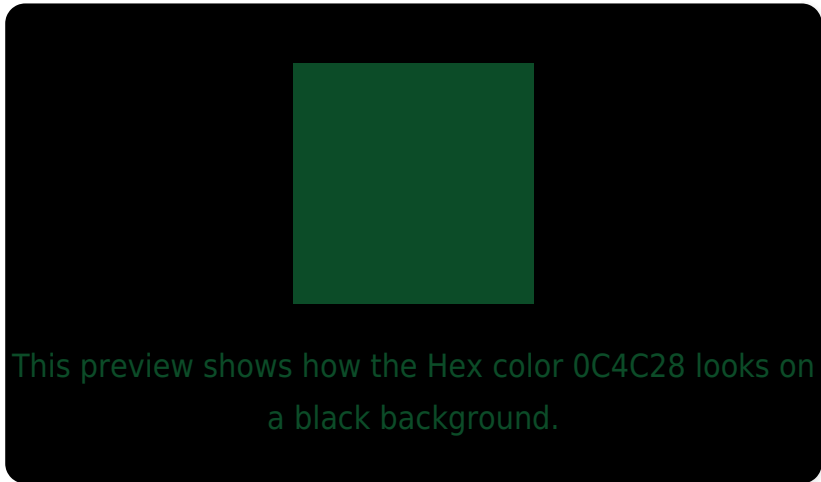
Large Text (above 18pt) WCAG AA ✓ Pass

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

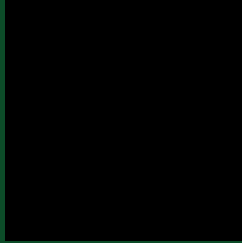
Any Text WCAG AA × Fail

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 0C4C28 Background



This preview shows how black text looks on a background with the Hex color 0C4C28.



This preview shows how white text looks on a background with the Hex color 0C4C28.

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](#).

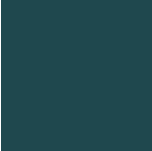
Dichromacy



Original Color
0C4C28

Protanopia
484224

Deuteranopia
4F3F2B



Tritanopia
1F484E

Trichromacy



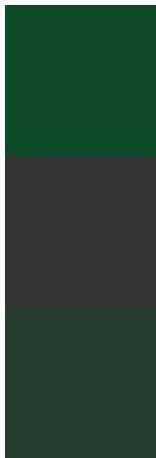
Original Color
0C4C28

Protanomaly
324625

Deuteranomaly
37442A

Tritanomaly
184940

Monochromacy



Original Color
0C4C28

Achromatopsia
353535

Achromatomaly
263D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C4C28 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 #0C4C28 looks like.

```
.text, #text, p{  
    color:#0C4C28  
}
```

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 #0C4C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4C28
}
```

Border

The CSS property to change the border of an element to Hex 0C4C28 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".

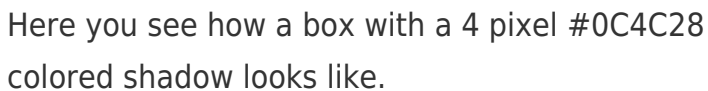
```
.border, #border, table{ border:4px solid
#0C4C28 }
```

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

```
.border{ border-color:#0C4C28 }
```

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

Here you see how a box with a 4 pixel #0C4C28 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4C28; -webkit-box-shadow:4px 4px  
4px 4px #0C4C28; box-shadow:4px 4px 4px  
4px #0C4C28 }
```

Background

The CSS property to change the background color of an element to Hex 0C4C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4C28 }
```

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

```
.background{ background-color:#0C4C28 }
```

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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