

# Converting Colors

Hex(0A2D2C)

Have a look what the booklet for  
Hex(0A2D2C) contains.

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# Color

**Hex(0A2D2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A2D2C
RGB	10, 45, 44
RGB Percent	4%, 18%, 17%
CMY	0.9608, 0.8235, 0.8275
CMYK	0.78, 0.00, 0.02, 0.82
HSL	178°, 64%, 11%
HSV	178°, 78%, 18%
XYZ	1.5182, 2.1232, 2.7127
YIQ	34.4210, -20.5390, -7.7310

# Conversions

## Conversions Part 2

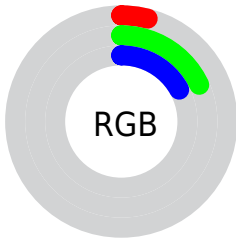
Format	Color
<b>R<sub>YB</sub></b>	10, 28, 45
Decimal	666924
CIE Lab	16.12, -12.53, -3.03
CIE LCh	16, 12.892, 193.604
Yxy	2.1232, 0.2389, 0.3341
Android (android.graphics.Color)	4278857004 (0xFF0A2D2C)
YUV	34.4210, 4.7224, -21.4172
Hunter-Lab	14.5710, -6.9011, -0.8382

# Details

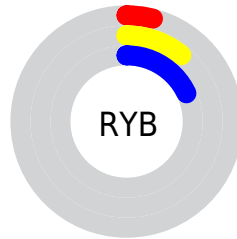
The Hex color **0A2D2C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D0A0B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **395B59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **052D2C**, and if you desaturate by 10%, it is **0F2D2C**.

# Distribution



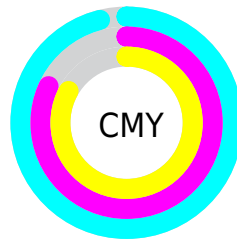
- Red (4%)
- Green (18%)
- Blue (17%)



- Red (4%)
- Yellow (11%)
- Blue (18%)



- Cyan (78%)
- Magenta (0%)
- Yellow (2%)
- Black (82%)



- Cyan (96%)
- Magenta (82%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A2D2C 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 0A2D2C by changing the saturation by 10% instead.



0A2D2C

0A2D2C

F2FFFF

001917

395B59

000000

517472

6A8D8B

84A8A6

9EC3C1

BADFDD

D5FBF9

0A2D2C

0A2D2C

■ 052D2C

■ 0F2D2C

■ 012D2C

■ 132D2C

■ 002D2C

■ 172D2C

■ 1C2D2D

■ 212D2D

■ 252D2D

■ 2A2D2D

■ 2E2D2D

■ 332D2D

# Harmonies

## Analogous

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



152D23



0A2D2C



082C34

# Triad

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



0A2D2C



2E2435



332617

# Complementary

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



0A2D2C



2D0A0B

# 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.



38231C



0A2D2C



37222D

# Square

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



0A2D2C



22273A



3A2124



2A2916

# Rectangle

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



0A2D2C



0F2B38



3A2124



352518



# Sweetspot

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



0A2D2C



2D3B3A



0B2D0A



161F1E



9E9E9E



1F1F1F



# Same Dimension

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



0A2D2C



043B39



0A1D2D



151717



005754



00D6D0



# Inverse Universe

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



2D0A0B



3B0406



2D1A0A



171515



570002

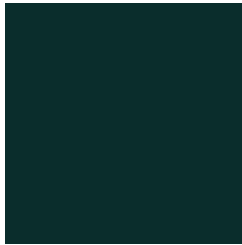


D60006



# Previews

## White Background



This preview shows how the Hex color 0A2D2C looks on a white background.

## Color Contrast Check

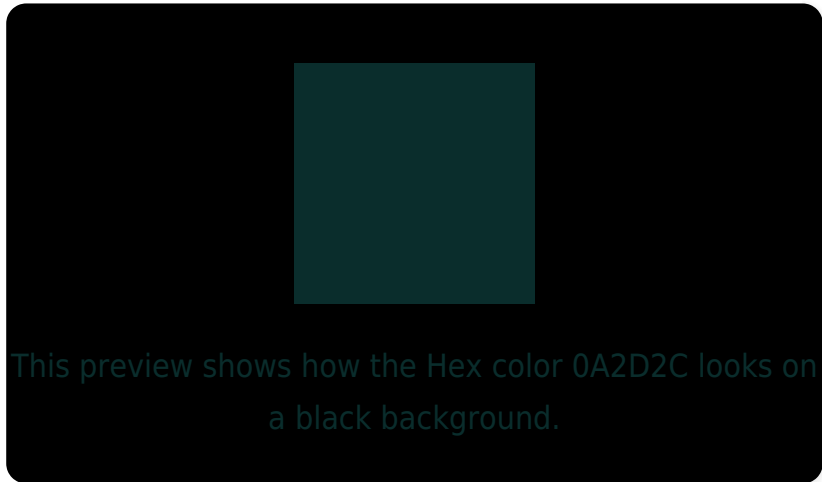
Large Text (above 18pt) WCAG AA ✓ Pass

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

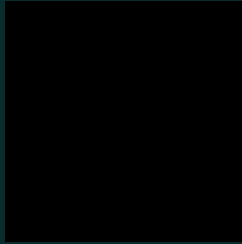
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0A2D2C Background



This preview shows how black text looks on a background with the Hex color 0A2D2C.



This preview shows how white text looks on a background with the Hex color 0A2D2C.

# 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**  
0A2D2C

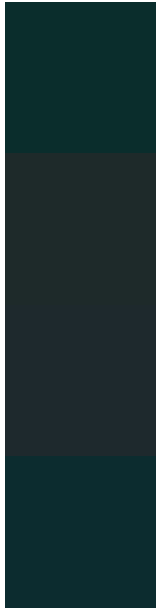
**Protanopia**  
292829

**Deuteranopia**  
2A272D



**Tritanopia**  
0D2C30

# Trichromacy



**Original Color**  
0A2D2C

**Protanomaly**  
1E2A2A

**Deuteranomaly**  
1E292D

**Tritanomaly**  
0C2C2F

# Monochromacy



**Original Color**  
0A2D2C

**Achromatopsia**  
222222

**Achromatomaly**  
192626

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A2D2C 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 #0A2D2C looks like.

```
.text, #text, p{  
    color:#0A2D2C  
}
```

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 #0A2D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2D2C
}
```

## Border

The CSS property to change the border of an element to Hex 0A2D2C 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
#0A2D2C }
```

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

```
.border{ border-color:#0A2D2C }
```

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

Here you see how a box with a 4 pixel #0A2D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2D2C; -webkit-box-shadow:4px 4px  
4px 4px #0A2D2C; box-shadow:4px 4px 4px  
4px #0A2D2C }
```

# Background

The CSS property to change the background color of an element to Hex 0A2D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2D2C }
```

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

```
.background{ background-color:#0A2D2C }
```

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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