

Converting Colors

Hex(0D2E2D)

Have a look what the booklet for
Hex(0D2E2D) contains.

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Color

Hex(0D2E2D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0D2E2D |
| RGB | 13, 46, 45 |
| RGB Percent | 5%, 18%, 18% |
| CMY | 0.9490, 0.8196, 0.8235 |
| CMYK | 0.72, 0.00, 0.02, 0.82 |
| HSL | 178°, 56%, 12% |
| HSV | 178°, 72%, 18% |
| XYZ | 1.6166, 2.2290, 2.8277 |
| YIQ | 36.0190, -19.3470, -7.3070 |

Conversions

Conversions Part 2

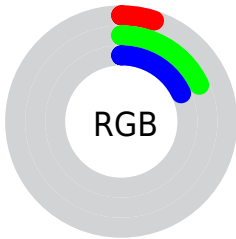
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 13, 30, 46 |
| Decimal | 863789 |
| CIE Lab | 16.65, -12.13, -2.94 |
| CIE LCh | 17, 12.481, 193.629 |
| Yxy | 2.2290, 0.2423, 0.3340 |
| Android (android.graphics.Color) | 4279053869 (0xFF0D2E2D) |
| YUV | 36.0190, 4.4276, -20.1877 |
| Hunter-Lab | 14.9299, -6.7991, -0.7784 |

Details

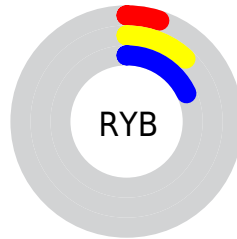
The Hex color **0D2E2D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E0D0E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3C5C5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082E2D**, and if you desaturate by 10%, it is **122E2D**.

Distribution



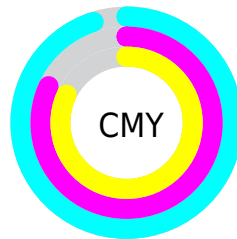
- Red (5%)
- Green (18%)
- Blue (18%)



- Red (5%)
- Yellow (12%)
- Blue (18%)



- Cyan (72%)
- Magenta (0%)
- Yellow (2%)
- Black (82%)



- Cyan (95%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D2E2D 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 0D2E2D by changing the saturation by 10% instead.

 0D2E2D

 0D2E2D

 F5FFFF

 001A18

 3C5C5B

 000000

 547573

 6D8E8D

 86A9A7

 A1C4C2

 BCE0DE

 D8FDFB

 0D2E2D

 0D2E2D

■ 082E2D

■ 122E2D

■ 042E2D

■ 162E2D

■ 002E2D

■ 1B2E2D

■ 1F2E2E

■ 242E2E

■ 292E2E

■ 2D2E2E

■ 322E2E

■ 362E2E

Harmonies

Analogous

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



172E24



0D2E2D



0B2D35

Triad

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



0D2E2D



2F2536



342718

Complementary

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



0D2E2D



2E0D0E

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.



39241D



0D2E2D



38232E

Square

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



0D2E2D



23293A



3B2225



2B2A18

Rectangle

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



0D2E2D



112C39



3B2225



362619

Sweetspot

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



0D2E2D



2E3B3A



0E2E0D



171F1E



9E9E9E



1F1F1F

Same Dimension

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



0D2E2D



083B39



0D1F2E



151717



005754



00D6D0

Inverse Universe

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



2E0D0E



3B080A



2E1C0D



171515



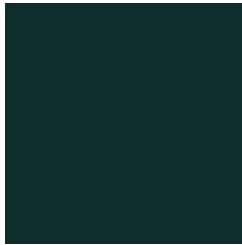
570003



D60006

Previews

White Background



This preview shows how the Hex color 0D2E2D looks on a white background.

Color Contrast Check

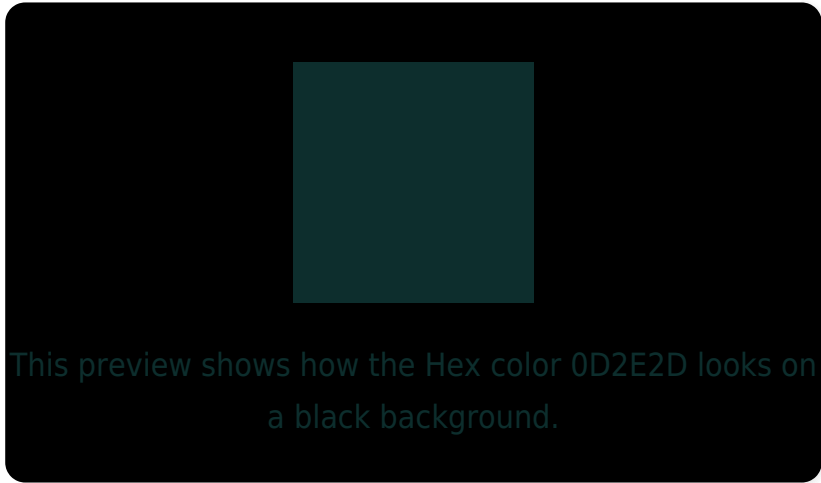
Large Text (above 18pt) WCAG AA ✓ Pass

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

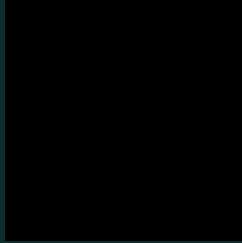
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

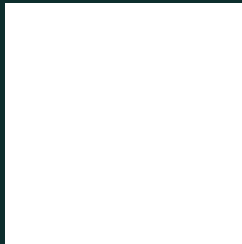
Any Text WCAG AAA × Fail

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

Hex 0D2E2D Background



This preview shows how black text looks on a background with the Hex color 0D2E2D.



This preview shows how white text looks on a background with the Hex color 0D2E2D.

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
0D2E2D

Protanopia
2A292A

Deuteranopia
2B282E



Tritanopia
0F2D31

Trichromacy



Original Color
0D2E2D

Protanomaly
1F2B2B

Deuteranomaly
202A2E

Tritanomaly
0E2D30

Monochromacy



Original Color
0D2E2D

Achromatopsia
242424

Achromatomaly
1C2827

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D2E2D 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 #0D2E2D looks like.

```
.text, #text, p{  
    color:#0D2E2D  
}
```

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 #0D2E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2E2D
}
```

Border

The CSS property to change the border of an element to Hex 0D2E2D 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
#0D2E2D }
```

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

```
.border{ border-color:#0D2E2D }
```

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

Here you see how a box with a 4 pixel #0D2E2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2E2D; -webkit-box-shadow:4px 4px  
4px 4px #0D2E2D; box-shadow:4px 4px 4px  
4px #0D2E2D }
```

Background

The CSS property to change the background color of an element to Hex 0D2E2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2E2D }
```

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

```
.background{ background-color:#0D2E2D }
```

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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