

# Converting Colors

Hex(0D2F2F)

Have a look what the booklet for  
Hex(0D2F2F) contains.

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# Color

**Hex(0D2F2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D2F2F
RGB	13, 47, 47
RGB Percent	5%, 18%, 18%
CMY	0.9490, 0.8157, 0.8157
CMYK	0.72, 0.00, 0.00, 0.82
HSL	180°, 57%, 12%
HSV	180°, 72%, 18%
XYZ	1.6956, 2.3238, 3.0485
YIQ	36.8340, -20.2640, -7.2080

# Conversions

## Conversions Part 2

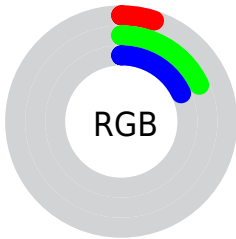
Format	Color
<a href="#">RYB</a>	<a href="#">13, 30, 47</a>
Decimal	<a href="#">864047</a>
CIELab	<a href="#">17.10, -12.04, -3.66</a>
CIELCh	<a href="#">17, 12.580, 196.901</a>
Yxy	<a href="#">2.3238, 0.2399, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4279054127 (0xFF0D2F2F)</a>
YUV	<a href="#">36.8340, 5.0118, -20.9024</a>
Hunter-Lab	<a href="#">15.2441, -6.8229, -1.1859</a>

# Details

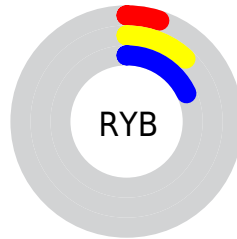
The Hex color **0D2F2F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F0D0D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3C5D5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **082F2F**, and if you desaturate by 10%, it is **122F2F**.

# Distribution



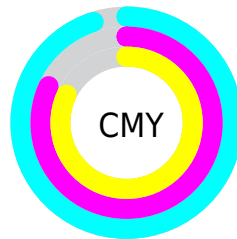
- Red (5%)
- Green (18%)
- Blue (18%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D2F2F 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 0D2F2F by changing the saturation by 10% instead.



0D2F2F

0D2F2F

F5FFFF

001B1A

3C5D5D

000000

547675

6D8F8F

87AAA9

A1C5C5

BDE1E1

D9FEFD

0D2F2F

0D2F2F

■ 082F2F

■ 122F2F

■ 042F2F

■ 162F2F

■ 002F2F

■ 1B2F2F

■ 202F2F

■ 252F2F

■ 292F2F

■ 2E2F2F

■ 332F2F

■ 372F2F

# Harmonies

## Analogous

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



162F26



0D2F2F



0D2E37

# Triad

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



0D2F2F



322636



342819

# Complementary

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



0D2F2F



2F0D0D

# 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.



3A251D



0D2F2F



39242E

# Square

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



0D2F2F



26293B



3C2325



2B2B19

# Rectangle

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



0D2F2F



132D3A



3C2325



36271A



# Sweetspot

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



0D2F2F



303D3D



0D2F0D



171F1F



9E9E9E



1F1F1F



# Same Dimension

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



0D2F2F



083D3D



0D1E2F



151717



005757



00D6D6



# Inverse Universe

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



2F0D2F



3D083D



2F1E0D



171517



570057

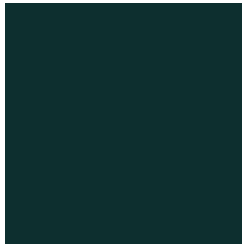


D600D6



# Previews

## White Background



This preview shows how the Hex color 0D2F2F looks on a white background.

## Color Contrast Check

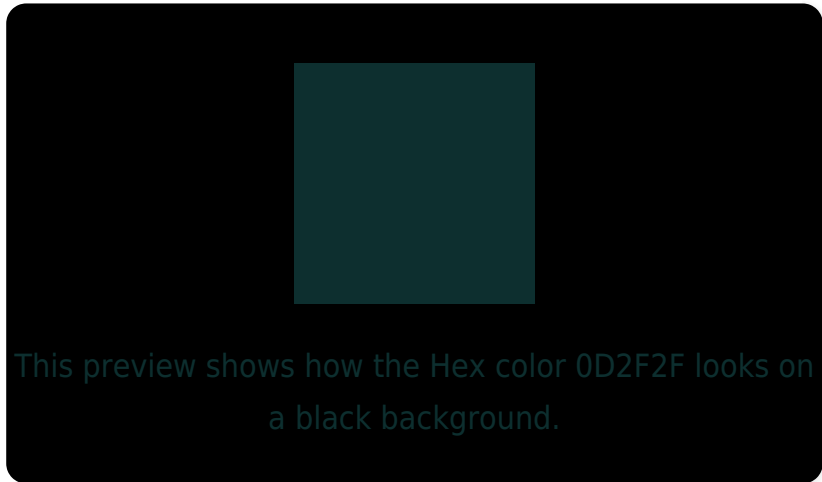
Large Text (above 18pt) WCAG AA ✓ Pass

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

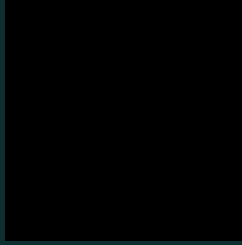
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

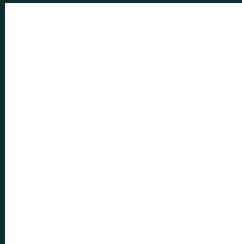
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0D2F2F Background



This preview shows how black text looks on a background with the Hex color 0D2F2F.



This preview shows how white text looks on a background with the Hex color 0D2F2F.

# 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**  
0D2F2F

**Protanopia**  
2A2A2C

**Deuteranopia**  
2B2930



# Trichromacy



**Original Color**  
0D2F2F

**Protanomaly**  
1F2C2D

**Deuteranomaly**  
202B30

**Tritanomaly**  
0E2E31

# Monochromacy



**Original Color**  
0D2F2F

**Achromatopsia**  
252525

**Achromatomaly**  
1C2929

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D2F2F 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 #0D2F2F looks like.

```
.text, #text, p{  
    color:#0D2F2F  
}
```

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 #0D2F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D2F2F
}
```

## Border

The CSS property to change the border of an element to Hex 0D2F2F 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
#0D2F2F }
```

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

```
.border{ border-color:#0D2F2F }
```

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

Here you see how a box with a 4 pixel #0D2F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D2F2F; -webkit-box-shadow:4px 4px  
4px 4px #0D2F2F; box-shadow:4px 4px 4px  
4px #0D2F2F }
```

# Background

The CSS property to change the background color of an element to Hex 0D2F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D2F2F }
```

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

```
.background{ background-color:#0D2F2F }
```

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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