

Converting Colors

Hex(0F2E18)

Have a look what the booklet for
Hex(0F2E18) contains.

Hex(0F2E18)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0F2E18)

Conversions

Conversions Part 1

Format	Color
Hex	0F2E18
RGB	15, 46, 24
RGB Percent	6%, 18%, 9%
CMY	0.9412, 0.8196, 0.9059
CMYK	0.67, 0.00, 0.48, 0.82
HSL	137°, 51%, 12%
HSV	137°, 67%, 18%
XYZ	1.3389, 2.1215, 1.2031
YIQ	34.2230, -11.4140, -13.4140

Conversions

Conversions Part 2

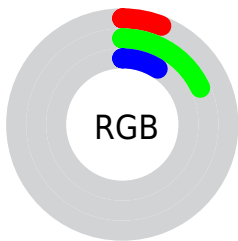
Format	Color
RYB	15, 39, 46
Decimal	994840
CIELab	16.11, -17.66, 10.82
CIELCh	16, 20.712, 148.506
Yxy	2.1215, 0.2871, 0.4549
Android (android.graphics.Color)	4279184920 (0xFF0F2E18)
YUV	34.2230, -5.0399, -16.8586
Hunter-Lab	14.5654, -9.0814, 5.2985

Details

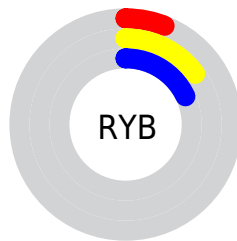
The Hex color **0F2E18** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2E0F25**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3C5C43**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0A2E15**, and if you desaturate by 10%, it is **142E1B**.

Distribution



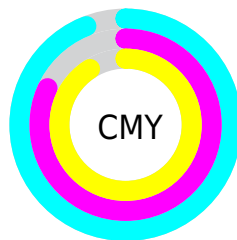
- Red (6%)
- Green (18%)
- Blue (9%)



- Red (6%)
- Yellow (15%)
- Blue (18%)



- Cyan (67%)
- Magenta (0%)
- Yellow (48%)
- Black (82%)



- Cyan (94%)
- Magenta (82%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F2E18 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 0F2E18 by changing the saturation by 10% instead.

 0F2E18

 0F2E18

 F5FFFB

 001A00

 3C5C43

 000000

 54755B

 6D8F73

 86A98D

 A1C5A7

 BCE1C2

 D8FDDE

 0F2E18

 0F2E18

■ 0A2E15

■ 142E1B

■ 062E11

■ 182E1F

■ 012E0E

■ 1D2E22

■ 002E0D

■ 212E25

■ 262E28

■ 2B2E2C

■ 2F2E2F

■ 342E32

■ 382E35

Harmonies

Analogous

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



222B0C



0F2E18



002F27

Triad

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



0F2E18



072A45



431D1B

Complementary

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



0F2E18



2E0F25

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.



421B29



0F2E18



272442

Square

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



0F2E18



002D41



391F38



3C220E

Rectangle

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



0F2E18



002F31



391F38



431C1F

Sweetspot

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



0F2E18



2F3B32



252E0F



171F19



9E9E9E



1F1F1F

Same Dimension

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



0F2E18



0B3B19



0F2E27



151715



005719



00D63E

Inverse Universe

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



2E0F25



3B0B2D



2E0F16



171516



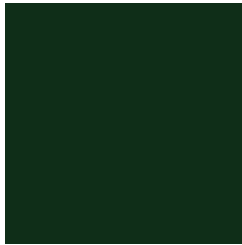
57003E



D60098

Previews

White Background



This preview shows how the Hex color 0F2E18 looks on a white background.

Color Contrast Check

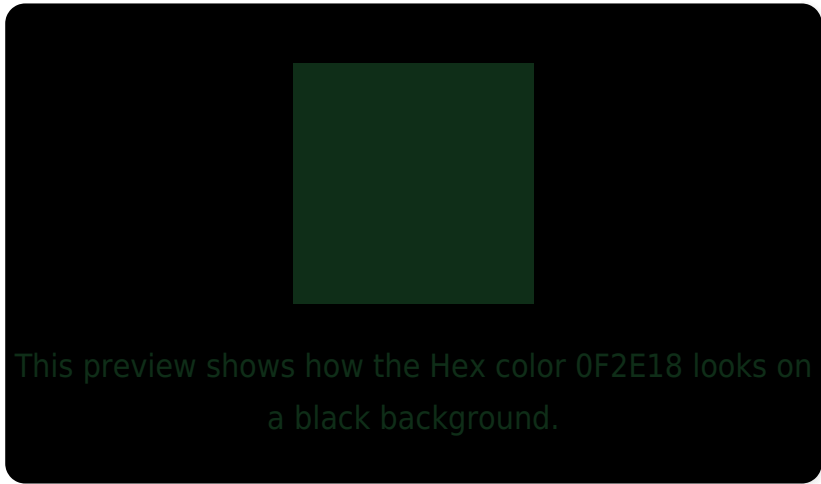
Large Text (above 18pt) WCAG AA ✓ Pass

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

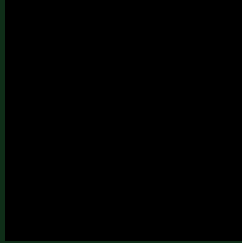
Any Text WCAG AA × Fail

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 0F2E18 Background



This preview shows how black text looks on a background with the Hex color 0F2E18.

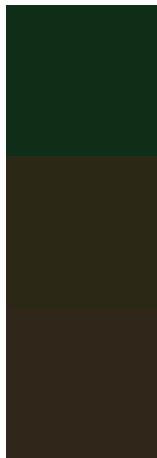


This preview shows how white text looks on a background with the Hex color 0F2E18.

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
0F2E18

Protanopia
2C2816

Deuteranopia
30261A



Tritanopia
162B2F

Trichromacy



Original Color
0F2E18

Protanomaly
212A17

Deuteranomaly
242919

Tritanomaly
132C27

Monochromacy



Original Color
0F2E18

Achromatopsia
222222

Achromatomaly
1B261E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F2E18 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 #0F2E18 looks like.

```
.text, #text, p{  
    color:#0F2E18  
}
```

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 #0F2E18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F2E18
}
```

Border

The CSS property to change the border of an element to Hex 0F2E18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

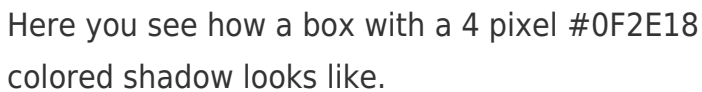
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F2E18 }
```

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

```
.border{ border-color:#0F2E18 }
```

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



Here you see how a box with a 4 pixel #0F2E18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F2E18; -webkit-box-shadow:4px 4px  
4px 4px #0F2E18; box-shadow:4px 4px 4px  
4px #0F2E18 }
```

Background

The CSS property to change the background color of an element to Hex 0F2E18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F2E18 }
```

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

```
.background{ background-color:#0F2E18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor