

Converting Colors

Hex(2F0F2B)

Have a look what the booklet for
Hex(2F0F2B) contains.

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Color

Hex(2F0F2B)

Conversions

Conversions Part 1

Format	Color
Hex	2F0F2B
RGB	47, 15, 43
RGB Percent	18%, 6%, 17%
CMY	0.8157, 0.9412, 0.8314
CMYK	0.00, 0.68, 0.09, 0.82
HSL	308°, 52%, 12%
HSV	308°, 68%, 18%
XYZ	1.7792, 1.1204, 2.4080
YIQ	27.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

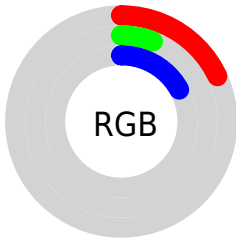
Format	Color
R_{YB}	47, 15, 43
Decimal	3084075
CIE _{Lab}	9.96, 20.88, -11.39
CIE _{LCh}	10, 23.779, 331.392
Yxy	1.1204, 0.3352, 0.2111
Android (android.graphics.Color)	4281274155 (0xFF2F0F2B)
YUV	27.7600, 7.5133, 16.8735
Hunter-Lab	10.5849, 11.4795, -6.0786

Details

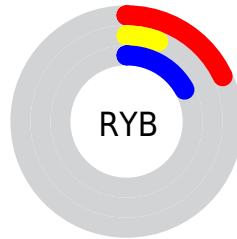
The Hex color **2F0F2B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F2F13**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **5E3B59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F0A2A**, and if you desaturate by 10%, it is **2F142C**.

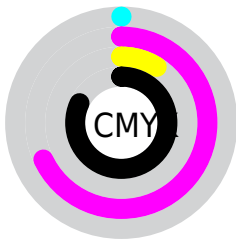
Distribution



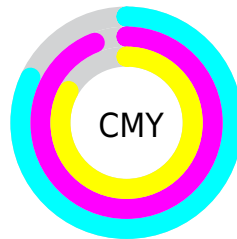
- Red (18%)
- Green (6%)
- Blue (17%)



- Red (18%)
- Yellow (6%)
- Blue (17%)



- Cyan (0%)
- Magenta (68%)
- Yellow (9%)
- Black (82%)



- Cyan (82%)
- Magenta (94%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0F2B 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 2F0F2B by changing the saturation by 10% instead.

 2F0F2B

 2F0F2B


 FFF2FF

 1D0017

 5E3B59

 000000

 775271

 916B8B

 AC84A5

 C89FC0

 E4BADC

 FFD5F8

 2F0F2B

 2F0F2B

■ 2F0A2A

■ 2F142C

■ 2F062A

■ 2F182C

■ 2F0129

■ 2F1D2D

■ 2F0029

■ 2F222D

■ 2F272E

■ 2F2B2F

■ 2F302F

■ 2F3530

■ 2F3930

Harmonies

Analogous

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



1C1737



2F0F2B



370A1B

Triad

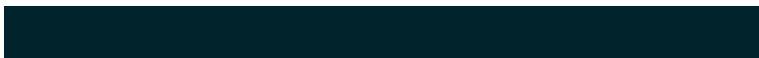
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F0F2B



231B00



00232C

Complementary

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



2F0F2B



0F2F13

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.



00231C



2F0F2B



141F00

Square

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



2F0F2B



2F1400



002208



002137

Rectangle

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



2F0F2B



380C10



002208



002327

Sweetspot

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



2F0F2B



3D313C



130F2F



1F171E



9E9E9E



1F1F1F

Same Dimension

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



2F0F2B



3D0B37



2F0F1B



171517



57004C



D600BB

Inverse Universe

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



2F0F2B



3D0B37



0F2F23



171517



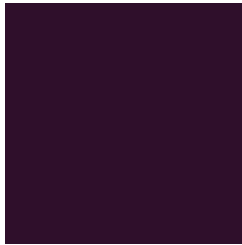
57004C



D600BB

Previews

White Background



This preview shows how the Hex color 2F0F2B looks on a white background.

Color Contrast Check

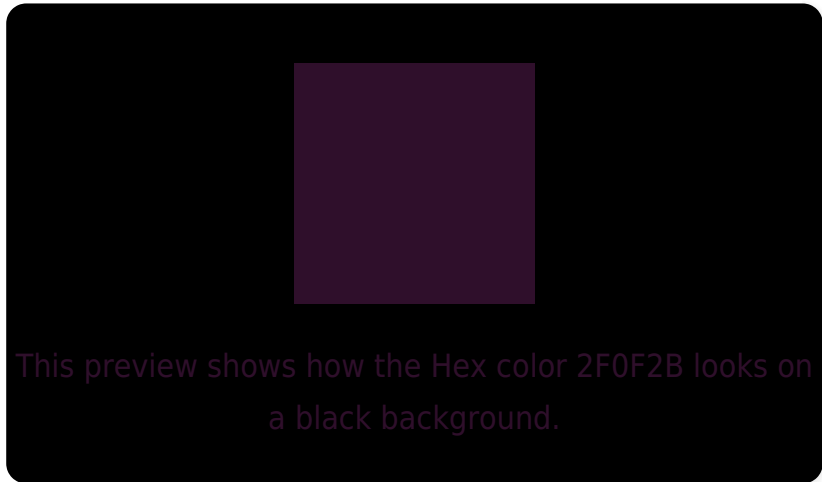
Large Text (above 18pt) WCAG AA ✓ Pass

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

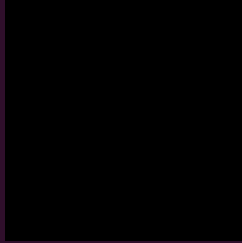
Any Text WCAG AA × Fail

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 2F0F2B Background



This preview shows how black text looks on a background with the Hex color 2F0F2B.



This preview shows how white text looks on a background with the Hex color 2F0F2B.

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](#).

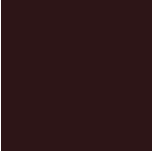
Dichromacy



Original Color
2F0F2B

Protanopia
0E1C36

Deuteranopia
181C29



Tritanopia
2D1517

Trichromacy



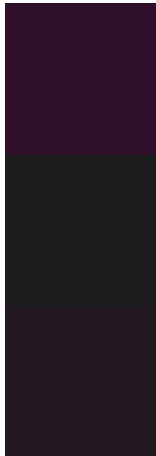
Original Color
2F0F2B

Protanomaly
1A1732

Deuteranomaly
20172A

Tritanomaly
2E131E

Monochromacy



Original Color
2F0F2B

Achromatopsia
1C1C1C

Achromatomaly
231721

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0F2B 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 #2F0F2B looks like.

```
.text, #text, p{  
    color:#2F0F2B  
}
```

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 #2F0F2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0F2B
}
```

Border

The CSS property to change the border of an element to Hex 2F0F2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

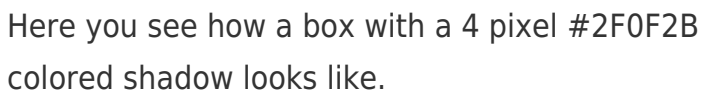
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F0F2B }
```

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

```
.border{ border-color:#2F0F2B }
```

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



Here you see how a box with a 4 pixel #2F0F2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0F2B; -webkit-box-shadow:4px 4px  
4px 4px #2F0F2B; box-shadow:4px 4px 4px  
4px #2F0F2B }
```

Background

The CSS property to change the background color of an element to Hex 2F0F2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0F2B }
```

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

```
.background{ background-color:#2F0F2B }
```

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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