

Converting Colors

Hex(2F0B33)

Have a look what the booklet for
Hex(2F0B33) contains.

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Color

Hex(2F0B33)

Conversions

Conversions Part 1

Format	Color
Hex	2F0B33
RGB	47, 11, 51
RGB Percent	18%, 4%, 20%
CMY	0.8157, 0.9569, 0.8000
CMYK	0.08, 0.78, 0.00, 0.80
HSL	294°, 65%, 12%
HSV	294°, 78%, 20%
XYZ	1.8895, 1.0827, 3.2414
YIQ	26.3240, 8.6160, 20.0720

Conversions

Conversions Part 2

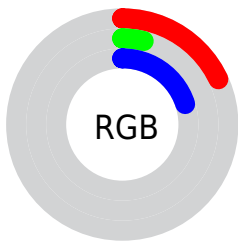
Format	Color
RYB	47, 11, 51
Decimal	3083059
CIELab	9.66, 24.84, -17.74
CIElCh	10, 30.520, 324.462
Yxy	1.0827, 0.3041, 0.1742
Android (android.graphics.Color)	4281273139 (0xFF2F0B33)
YUV	26.3240, 12.1653, 18.1329
Hunter-Lab	10.4053, 14.2047, -11.1858

Details

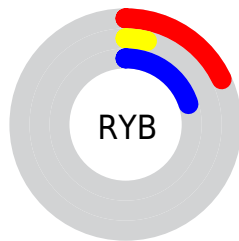
The Hex color **2F0B33** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F330B**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **5F3862**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E0633**, and if you desaturate by 10%, it is **301033**.

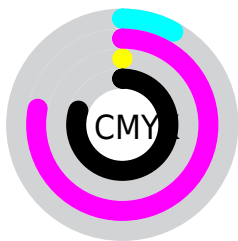
Distribution



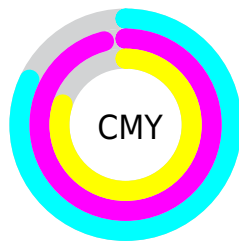
- Red (18%)
- Green (4%)
- Blue (20%)



- Red (18%)
- Yellow (4%)
- Blue (20%)



- Cyan (8%)
- Magenta (78%)
- Yellow (0%)
- Black (80%)



- Cyan (82%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0B33 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 2F0B33 by changing the saturation by 10% instead.

 2F0B33

 2F0B33

 FFEFFF

 1D001E

 5F3862

 000000

 784F7B

 926895

 AD81AF

 C99CCB

 E5B7E7

 FFD2FF

 2F0B33

 2F0B33

■ 2E0633

■ 301033

■ 2E0133

■ 301533

■ 2E0033

■ 311A33

■ 311F33

■ 322533

■ 322A33

■ 332F33

■ 333433

■ 343933

Harmonies

Analogous

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



0D1741



2F0B33



3C0120

Triad

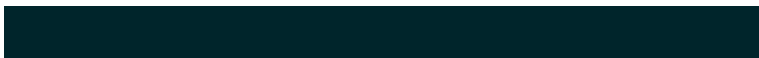
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F0B33



261900



00252B

Complementary

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



2F0B33



0F330B

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.



002416



2F0B33



131F00

Square

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



2F0B33



350F00



002200



00233C

Rectangle

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



2F0B33



3E0111



002200



002524

Sweetspot

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



2F0B33



413242



0B0F33



201821



A1A1A1



212121

Same Dimension

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



2F0B33



3C0442



330B23



19171A



500059



C300D9

Inverse Universe

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



330B0F



42040A



0B331B



1A1717



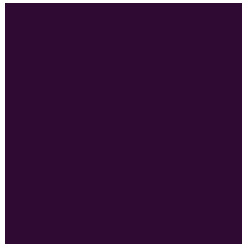
590009



D90016

Previews

White Background



This preview shows how the Hex color 2F0B33 looks on a white background.

Color Contrast Check

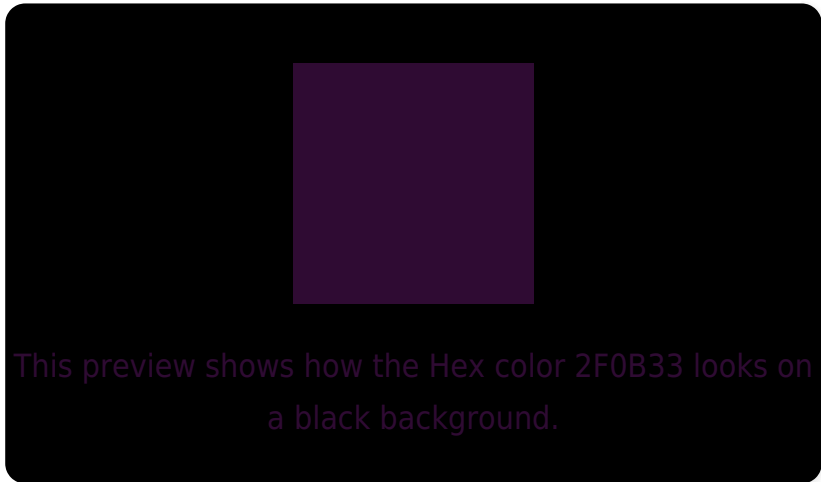
Large Text (above 18pt) WCAG AA ✓ Pass

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

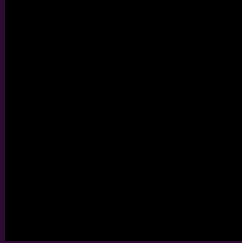
Any Text WCAG AA × Fail

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 2F0B33 Background



This preview shows how black text looks on a background with the Hex color 2F0B33.



This preview shows how white text looks on a background with the Hex color 2F0B33.

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
2F0B33

Deuteranopia
0F1D30

Tritanopia
2C1618

Trichromacy

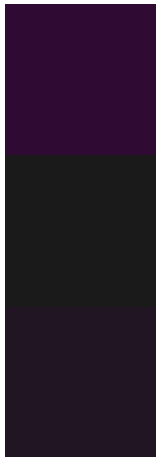


Original Color
2F0B33

Deuteranomaly
1B1631

Tritanomaly
2D1222

Monochromacy



Original Color
2F0B33

Achromatopsia
1A1A1A

Achromatomaly
221523

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0B33 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 #2F0B33 looks like.

```
.text, #text, p{  
    color:#2F0B33  
}
```

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 #2F0B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0B33
}
```

Border

The CSS property to change the border of an element to Hex 2F0B33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

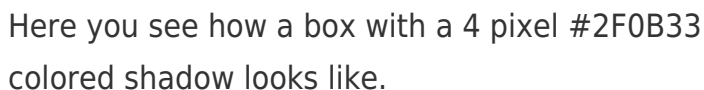
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F0B33 }
```

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

```
.border{ border-color:#2F0B33 }
```

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



Here you see how a box with a 4 pixel #2F0B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0B33; -webkit-box-shadow:4px 4px  
4px 4px #2F0B33; box-shadow:4px 4px 4px  
4px #2F0B33 }
```

Background

The CSS property to change the background color of an element to Hex 2F0B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0B33 }
```

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

```
.background{ background-color:#2F0B33 }
```

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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