

Converting Colors

Hex(2F0C38)

Have a look what the booklet for
Hex(2F0C38) contains.

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Color

Hex(2F0C38)

Conversions

Conversions Part 1

Format	Color
Hex	2F0C38
RGB	47, 12, 56
RGB Percent	18%, 5%, 22%
CMY	0.8157, 0.9529, 0.7804
CMYK	0.16, 0.79, 0.00, 0.78
HSL	288°, 65%, 13%
HSV	288°, 79%, 22%
XYZ	2.0176, 1.1528, 3.8576
YIQ	27.4810, 6.7360, 21.1040

Conversions

Conversions Part 2

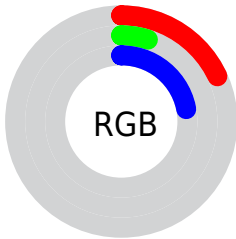
Format	Color
R_{YB}	47, 12, 56
Decimal	3083320
CIE _{Lab}	10.20, 25.49, -20.51
CIE _{LCh}	10, 32.716, 321.184
Yxy	1.1528, 0.2871, 0.1640
Android (android.graphics.Color)	4281273400 (0xFF2F0C38)
YUV	27.4810, 14.0599, 17.1182
Hunter-Lab	10.7369, 14.7525, -13.7860




Details

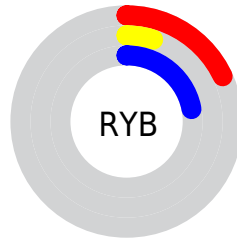
The Hex color **2F0C38** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **15380C**, and the grayscale version is **1B1B1B**.




A 20% lighter version of the original color is **5F3967**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **2E0638**, and if you desaturate by 10%, it is **301238**.

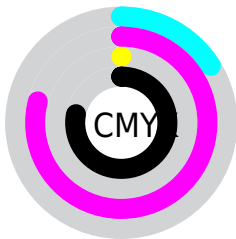
Distribution







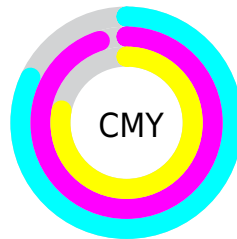
-  Red (18%)
-  Green (5%)
-  Blue (22%)






-  Red (18%)
-  Yellow (5%)
-  Blue (22%)



-  Cyan (16%)
-  Magenta (79%)
-  Yellow (0%)
-  Black (78%)



-  Cyan (82%)
-  Magenta (95%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F0C38 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 2F0C38 by changing the saturation by 10% instead.

 2F0C38

 2F0C38

 FFF0FF

 1E0023

 5F3967

 000009

 785081

 000000

 92699B

 AD82B6

 C99DD1

 E5B8EE

 FFD4FF

 2F0C38

 2F0C38

■ 2E0638

■ 301238

■ 2D0138

■ 311738

■ 2D0038

■ 321D38

■ 342238

■ 352838

■ 362E38

■ 373338

■ 383938

■ 393E38

Harmonies

Analogous

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



021946



2F0C38



3F0023

Triad

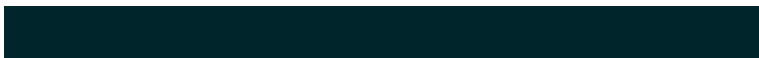
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F0C38



2A1900



00262B

Complementary

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



2F0C38



15380C

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.



002614



2F0C38



151F00

Square

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



2F0C38



390D00



002400



00243E

Rectangle

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



2F0C38



410015



002400



002624

Sweetspot

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



2F0C38



46384A



0C1638



241B26



A6A6A6



262626

Same Dimension

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



2F0C38



3C044A



380C2C



1B191C



49005C



AE00DB

Inverse Universe

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



380C15



4A0413



0C3818



1C191A



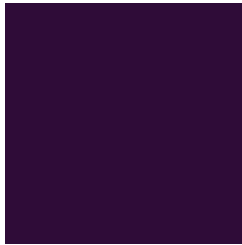
5C0013



DB002D

Previews

White Background



This preview shows how the Hex color 2F0C38 looks on a white background.

Color Contrast Check

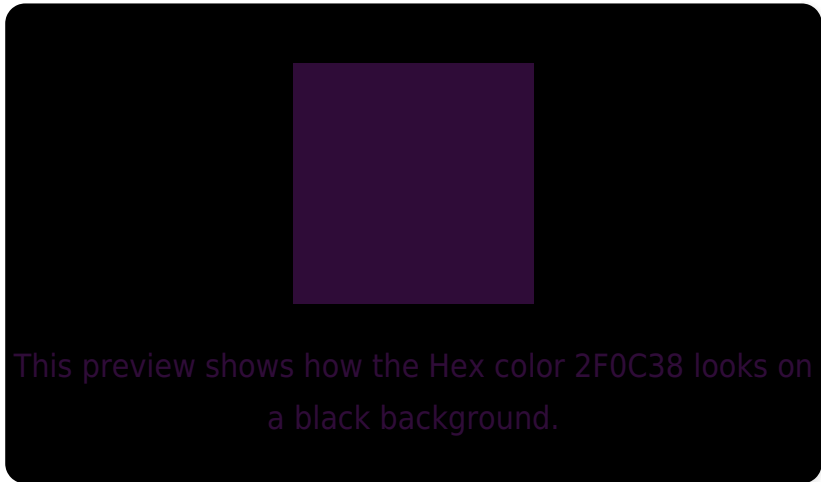
Large Text (above 18pt) WCAG AA ✓ Pass

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

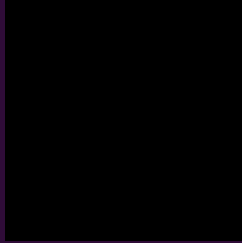
Any Text WCAG AA × Fail

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 2F0C38 Background



This preview shows how black text looks on a background with the Hex color 2F0C38.



This preview shows how white text looks on a background with the Hex color 2F0C38.

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
2F0C38

Protanopia
001D3D

Deuteranopia
061E35



Tritanopia
2B181A

Trichromacy



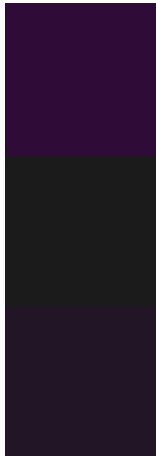
Original Color
2F0C38

Protanomaly
11173B

Deuteranomaly
151736

Tritanomaly
2C1425

Monochromacy



Original Color
2F0C38

Achromatopsia
1B1B1B

Achromatomaly
221626

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F0C38 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 #2F0C38 looks like.

```
.text, #text, p{  
    color:#2F0C38  
}
```

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 #2F0C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F0C38
}
```

Border

The CSS property to change the border of an element to Hex 2F0C38 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
#2F0C38 }
```

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

```
.border{ border-color:#2F0C38 }
```

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

Here you see how a box with a 4 pixel #2F0C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F0C38; -webkit-box-shadow:4px 4px  
4px 4px #2F0C38; box-shadow:4px 4px 4px  
4px #2F0C38 }
```

Background

The CSS property to change the background color of an element to Hex 2F0C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F0C38 }
```

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

```
.background{ background-color:#2F0C38 }
```

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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