

Converting Colors

Hex(2F2B4C)

Have a look what the booklet for
Hex(2F2B4C) contains.

Hex(2F2B4C)	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(2F2B4C)

Conversions

Conversions Part 1

Format	Color
Hex	2F2B4C
RGB	47, 43, 76
RGB Percent	18%, 17%, 30%
CMY	0.8157, 0.8314, 0.7020
CMYK	0.38, 0.43, 0.00, 0.70
HSL	247°, 28%, 23%
HSV	247°, 43%, 30%
XYZ	3.3407, 2.8539, 7.2123
YIQ	47.9580, -8.2090, 11.1110

Conversions

Conversions Part 2

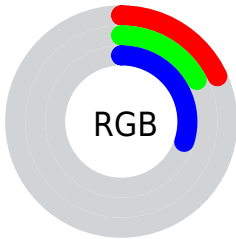
Format	Color
R_{YB}	47, 43, 76
Decimal	3091276
CIE _{Lab}	19.45, 10.99, -19.80
CIE _{LCh}	19, 22.646, 299.019
Yxy	2.8539, 0.2492, 0.2129
Android (android.graphics.Color)	4281281356 (0xFF2F2B4C)
YUV	47.9580, 13.8247, -0.8402
Hunter-Lab	16.8935, 5.7347, -13.4870




Details

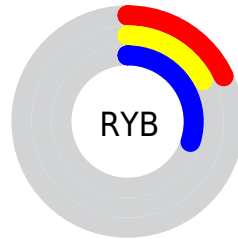
The Hex color **2F2B4C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **484C2B**, and the grayscale version is **303030**.




A 20% lighter version of the original color is **5E587D**, and **000020** is the 20% darker color. If you saturate the color by 10%, you get **28234C**, and if you desaturate by 10%, it is **36334C**.

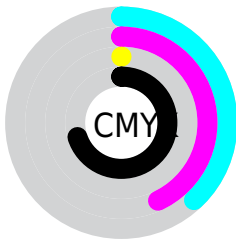
Distribution







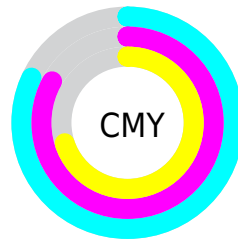
-  Red (18%)
-  Green (17%)
-  Blue (30%)






-  Red (18%)
-  Yellow (17%)
-  Blue (30%)



-  Cyan (38%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (82%)
-  Magenta (83%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F2B4C 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 2F2B4C by changing the saturation by 10% instead.



2F2B4C



2F2B4C

FFFFFF



191735



5E587D



000020



777197



000004



918AB2



000000



ACA5CD



C8C0EA



E4DCFF



FFF8FF



2F2B4C



2F2B4C

■ 28234C

■ 36334C

■ 221C4C

■ 3C3A4C

■ 1B144C

■ 43424C

■ 140D4C

■ 4A494C

■ 0E054C

■ 50514C

■ 09004C

■ 57594C

■ 5E604C

■ 64684C

■ 6B6F4C

Harmonies

Analogous

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



0B3150



2F2B4C



432540

Triad

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



2F2B4C



462813



00372E

Complementary

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



2F2B4C



484C2B

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.



13361D



2F2B4C



392E0C

Square

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



2F2B4C



4D2220



283311



00373F

Rectangle

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



2F2B4C



4A2236



283311



003728

Sweetspot

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



2F2B4C



585763



2B484C



2C2B33



B3B3B3



333333

Same Dimension

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



2F2B4C



363063



3F2B4C



232226



0C0066



1C00E6

Inverse Universe

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



4C2B48



63305D



384C2B



262226



66005A



E600CA

Previews

White Background



This preview shows how the Hex color 2F2B4C looks on a white background.

Color Contrast Check

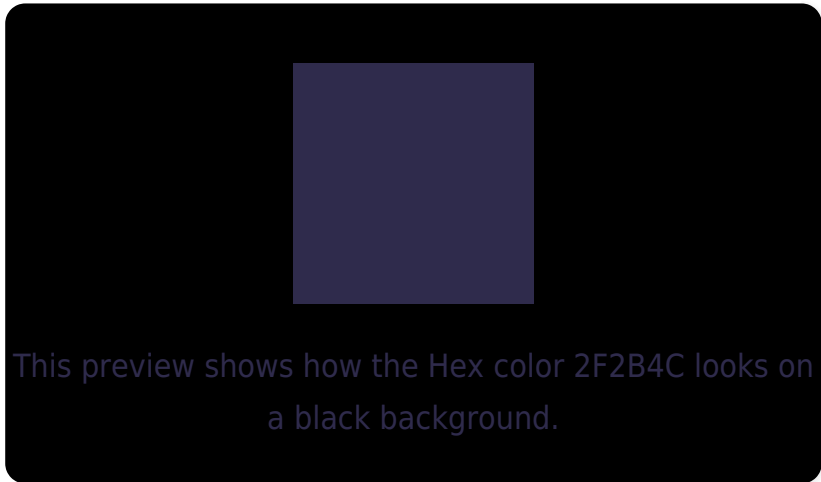
Large Text (above 18pt) WCAG AA ✓ Pass

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

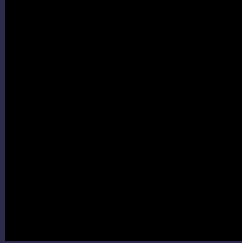
Any Text WCAG AA × Fail

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 2F2B4C Background



This preview shows how black text looks on a background with the Hex color 2F2B4C.



This preview shows how white text looks on a background with the Hex color 2F2B4C.

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](#).

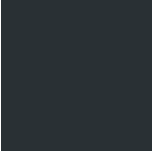
Dichromacy



Original Color
2F2B4C

Protanopia
222E4F

Deuteranopia
202F4B



Tritanopia
293034

Trichromacy



Original Color
2F2B4C

Protanomaly
272D4E

Deuteranomaly
252E4B

Tritanomaly
2B2E3D

Monochromacy



Original Color
2F2B4C

Achromatopsia
303030

Achromatomaly
302E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F2B4C 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 #2F2B4C looks like.

```
.text, #text, p{  
    color:#2F2B4C  
}
```

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 #2F2B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F2B4C
}
```

Border

The CSS property to change the border of an element to Hex 2F2B4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

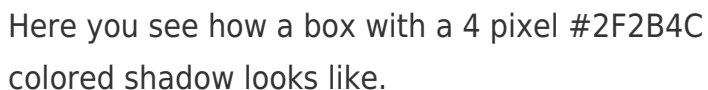
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F2B4C }
```

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

```
.border{ border-color:#2F2B4C }
```

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



Here you see how a box with a 4 pixel #2F2B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F2B4C; -webkit-box-shadow:4px 4px  
4px 4px #2F2B4C; box-shadow:4px 4px 4px  
4px #2F2B4C }
```

Background

The CSS property to change the background color of an element to Hex 2F2B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F2B4C }
```

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

```
.background{ background-color:#2F2B4C }
```

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