

Converting Colors

Hex(2F242C)

Have a look what the booklet for
Hex(2F242C) contains.

Hex(2F242C)	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(2F242C)

Conversions

Conversions Part 1

Format	Color
Hex	2F242C
RGB	47, 36, 44
RGB Percent	18%, 14%, 17%
CMY	0.8157, 0.8588, 0.8275
CMYK	0.00, 0.23, 0.06, 0.82
HSL	316°, 13%, 16%
HSV	316°, 23%, 18%
XYZ	2.2578, 2.0479, 2.6592
YIQ	40.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

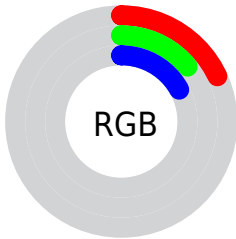
Format	Color
RYB	47, 36, 44
Decimal	3089452
CIELab	15.74, 6.93, -3.31
CIELCh	16, 7.683, 334.500
Yxy	2.0479, 0.3242, 0.2940
Android (android.graphics.Color)	4281279532 (0xFF2F242C)
YUV	40.2010, 1.8729, 5.9627
Hunter-Lab	14.3106, 3.1184, -0.9997

Details

The Hex color **2F242C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **242F27**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5D5159**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2F1F2B**, and if you desaturate by 10%, it is **2F292D**.

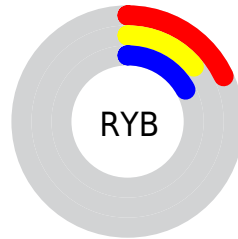
Distribution



Red (18%)

Green (14%)

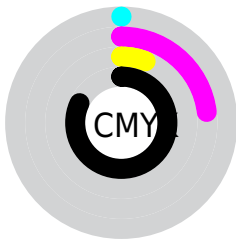
Blue (17%)



Red (18%)

Yellow (14%)

Blue (17%)

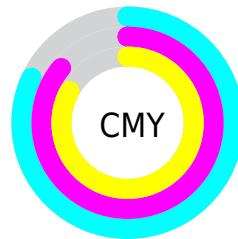


Cyan (0%)

Magenta (23%)

Yellow (6%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F242C 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 2F242C by changing the saturation by 10% instead.



2F242C



2F242C

FFFFFF



1B0F18



5D5159



000000



766972



8F828B



AA9CA6



C5B7C1



E1D2DD



FEEFF9



2F242C



2F242C

■ 2F1F2B

■ 2F292D

■ 2F1B29

■ 2F2D2F

■ 2F1628

■ 2F3230

■ 2F1127

■ 2F3731

■ 2F0C26

■ 2F3C32

■ 2F0824

■ 2F4034

■ 2F0323

■ 2F4535

■ 2F0022

■ 2F4A36

■ 2F4E38

Harmonies

Analogous

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



292630



2F242C



322327

Triad

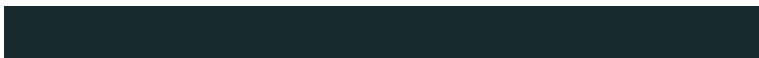
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F242C



2B271C



182A2D

Complementary

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



2F242C



242F27

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.



1A2A28



2F242C



25291E

Square

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



2F242C



2F251E



1E2A22



1B2931

Rectangle

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



2F242C



322423



1E2A22



182A2C

Sweetspot

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



2F242C



3D393C



27242F



1F1C1E



9E9E9E



1F1F1F

Same Dimension

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



2F242C



3D2C39



2F2427



171516



57003F



D6009C

Inverse Universe

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



2F242C



3D2C39



242F2C



171516



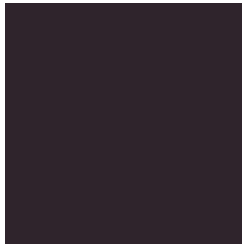
57003F



D6009C

Previews

White Background



This preview shows how the Hex color 2F242C looks on a white background.

Color Contrast Check

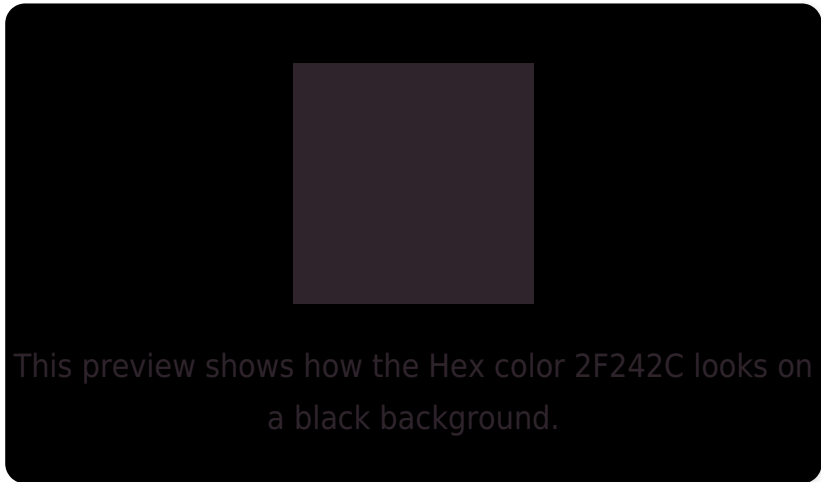
Large Text (above 18pt) WCAG AA ✓ Pass

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

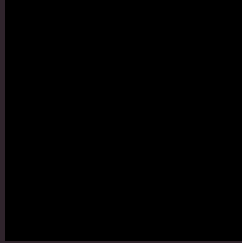
Any Text WCAG AA × Fail

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 2F242C Background



This preview shows how black text looks on a background with the Hex color 2F242C.



This preview shows how white text looks on a background with the Hex color 2F242C.

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
2F242C

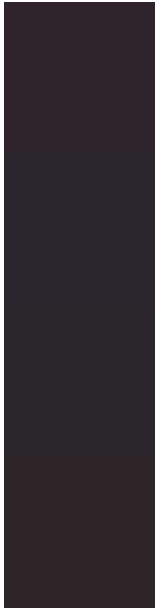
Protanopia
26272E

Deuteranopia
29262C



Tritanopia
2E2528

Trichromacy



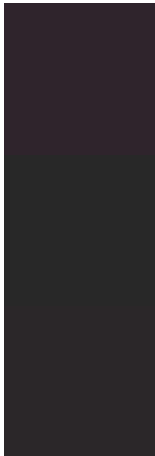
Original Color
2F242C

Protanomaly
29262D

Deuteranomaly
2B252C

Tritanomaly
2E2529

Monochromacy



Original Color
2F242C

Achromatopsia
282828

Achromatomaly
2B2729

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F242C 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 #2F242C looks like.

```
.text, #text, p{  
    color:#2F242C  
}
```

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 #2F242C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F242C
}
```

Border

The CSS property to change the border of an element to Hex 2F242C is called "border". The border property can be set on classes, ids or directly on the HTML element.

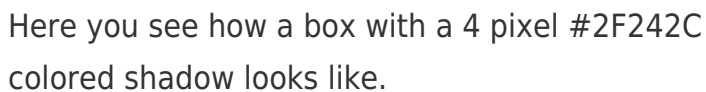
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F242C }
```

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

```
.border{ border-color:#2F242C }
```

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



Here you see how a box with a 4 pixel #2F242C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F242C; -webkit-box-shadow:4px 4px  
4px 4px #2F242C; box-shadow:4px 4px 4px  
4px #2F242C }
```

Background

The CSS property to change the background color of an element to Hex 2F242C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F242C }
```

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

```
.background{ background-color:#2F242C }
```

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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